

FWS/OBS-83/15  
August 1983



## FLORIDA COASTAL ECOLOGICAL CHARACTERIZATION:

### A Socioeconomic Study of the Northwestern Region

VOLUME II

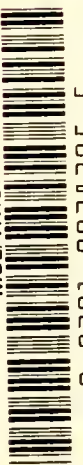
DATA APPENDIX Part 1

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FLORIDA COASTAL ECOLOGICAL CHARACTERIZATION: A  
SOCIOECONOMIC STUDY OF THE NORTHWESTERN REGION

Volume II  
DATA APPENDIX  
Part 1

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This study was co-sponsored by the Minerals Management Service  
U.S. Department of the Interior

and the

Division of Biological Services  
Fish and Wildlife Service  
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Washington, DC 20240

## PREFACE

The purpose of this socioeconomic characterization study is to compile and synthesize information from existing sources about the social and economic characteristics of the northwestern coastal region of Florida, which is made up of Escambia, Santa Rosa, Okaloosa, Walton, Bay, Gulf, and Franklin Counties. This report and the data appendix should prove useful for coastal planning and management; it is one in a series of characterizations of coastal socioeconomic systems produced by the U.S. Fish and Wildlife Service. The series describes the components and interrelationships among complex processes that include population and demographic characteristics, mineral production, multiple-use conflicts, recreation and tourism, agricultural production, sport and commercial fishing, transportation, industrial and residential development, and environmental issues and regulations.

This study originally was under contract with the NANEX Systems Corporation, Crestview, Florida. The corporation is responsible for the compilations and accuracy of the Data Appendices and their lists of references. Most of the first drafts of the various chapters were prepared in 1980. Only a few of the sections of some of the reports have since been updated.

This project was conducted under Contract FWS 14-16-0009-074. Funding was provided by the Minerals Management Service and the Fish and Wildlife Service, U.S. Department of the Interior. Questions or requests for this publication should be directed to:

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This report should be cited:

French, Carolyn O., and John W. Parsons (editors). 1983. Florida coastal ecological characterization: a socioeconomic study of the northwestern region. U.S. Fish and Wildlife Service, Division of Biological Services, Washington, D.C. FWS/OBS-83/15.



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## ABBREVIATIONS

A/C	Air conditioning
A F B .	Air Force Base
AFDC	Aid to families with dependent children
AGR	Agriculture
Ave	Avenue
bbl	Barrel, barrels
Btu	British thermal unit
BOD	Biochemical oxygen demand
Co	Company
Corp	Corporation
Ct	Court
cwt	Hundredweight
D	Data withheld to avoid disclosure of individual establishments
dB	Decibel
Dr	Drive
DRI	Development of regional impact
d u	Dwelling units
E	Endangered
E	East
EIR	Environmental Issues and Regulations
EMP	Employment
ENE	East northeast
EPA	Environmental Protection Agency
est	Estimate
FCOLI	Fecal coliform
ft	Foot, feet
ft <sup>2</sup>	Square foot, square feet
ft <sup>3</sup>	Cubic foot, cubic feet
FSH	Fish
FY	Fiscal year
gal	Gallon, gallons
GFWFC	Game and Fresh water Fish Commission
Gw	Ground water
ha	Hectare, hectares
H H	Head of household
Hwy	Highway
Inc	Incorporated
Jct	Junction
km	Kilometer
kWh	Kilowatthour
kV	Kilovolt
lb	Pound, pounds
lf	Landfill
lin ft	Linear foot, linear feet
LPG	Liquid petroleum gas
LU	Land use
Ltd	Limited
m/day	Meters per day
Mcf	Million cubic feet

Mgal/d	Million gallons per day
mg/l	Milligrams per liter
MHP	Mobile home park
mi	Mile, miles
mi <sup>2</sup>	Square mile, square miles
misc.	Miscellaneous
mm	Millimeter
MP	Minerals Production
MW	Monitoring wells, megawatts
MWh	Megawatthours
N.	North
N.A.	Not applicable
N.D.	No data
NE.	Northeast
NNW.	North northwest
NRP	No reported production
NTSB	National Transportation Safety Board
NW.	Northwest
oz	Ounce
POP	Population
ppm	Parts per million
PU	Public utilities
Rd.	Road
RR.	Railroad
Rt.	Route
R/T	Recreation and Tourism
RV	Recreational vehicle
S.	South
SCi	Special category item
SD	Subdivision
SE.	Southeast
SER	Services (health)
SIC	Standard Industrial Code
slf	Sanitary landfill
SR	State road
SSC	Species of special concern
St.	Street
STP	Sewage treatment plant
SW.	Southwest
SW	Surface water
T	Threatened
tbb1	Thousand barrels
TCOLI	Total coliform
TP	Trailer park
TRANS	Transportation
TSS <sub>2</sub>	Total suspended solids
ug/m <sup>2</sup>	Micrograms per square meter
UR	Under review
W.	West
WLA	Waste load allocation
yd <sub>3</sub>	Yard, yards
yd <sub>3</sub>	Cubic yards
yd <sup>3</sup> /d	Cubic yards per day

## SYMBOLS

\$	Dollar, dollars
%	Percent
"	Inch, inches
#	Number
&	And

## METRIC-ENGLISH EQUIVALENTS

### Distance

1 cm = 0.39 in	1 in = 2.54 cm
1 m = 39.38 in	1 ft = 0.30 m
1 km = 0.62 mi	1 yd = 0.91 m
	1 mi = 1.61 km

### Area

1 m <sup>2</sup> = 1.2 yd <sup>2</sup>	1 ft <sup>2</sup> = 0.09 m <sup>2</sup>
1 km <sup>2</sup> = 0.39 mi <sup>2</sup>	1 yd <sup>2</sup> = 0.83 m <sup>2</sup>
1 ha = 2.5 acres	1 acres = 0.40 ha
	1 mi <sup>2</sup> = 2.59 km <sup>2</sup>

### Weight

1 g = 0.035 oz	1 oz = 28.35 g
1 kg = 2.20 lb	1 lb = 453.60 g
1 mt (1,000 kg) = 1.1 t (2,204.6 lb)	1 lb = 0.45 kg
	1 t = 0.91 mt

### Volume

1 ml = 0.03 fl oz	1 fl oz = 29.57 ml
1 liter = 2.1 pt	1 pt = 0.47 liter
1 liter = 1.06 qt	1 qt = 0.95 liter
1 bbl = 42 gal	1 gal = 3.79 liter
1 m <sup>3</sup> = 35 ft <sup>3</sup>	1 ft <sup>3</sup> = 0.03 m <sup>3</sup>
1 m <sup>3</sup> = 1.3 yd <sup>3</sup>	1 yd <sup>3</sup> = 0.76 m <sup>3</sup>

### Temperature

C° = 5/9 (F° - 32)	F° = 9/5C° + 32
--------------------	-----------------



POPULATION (POP)

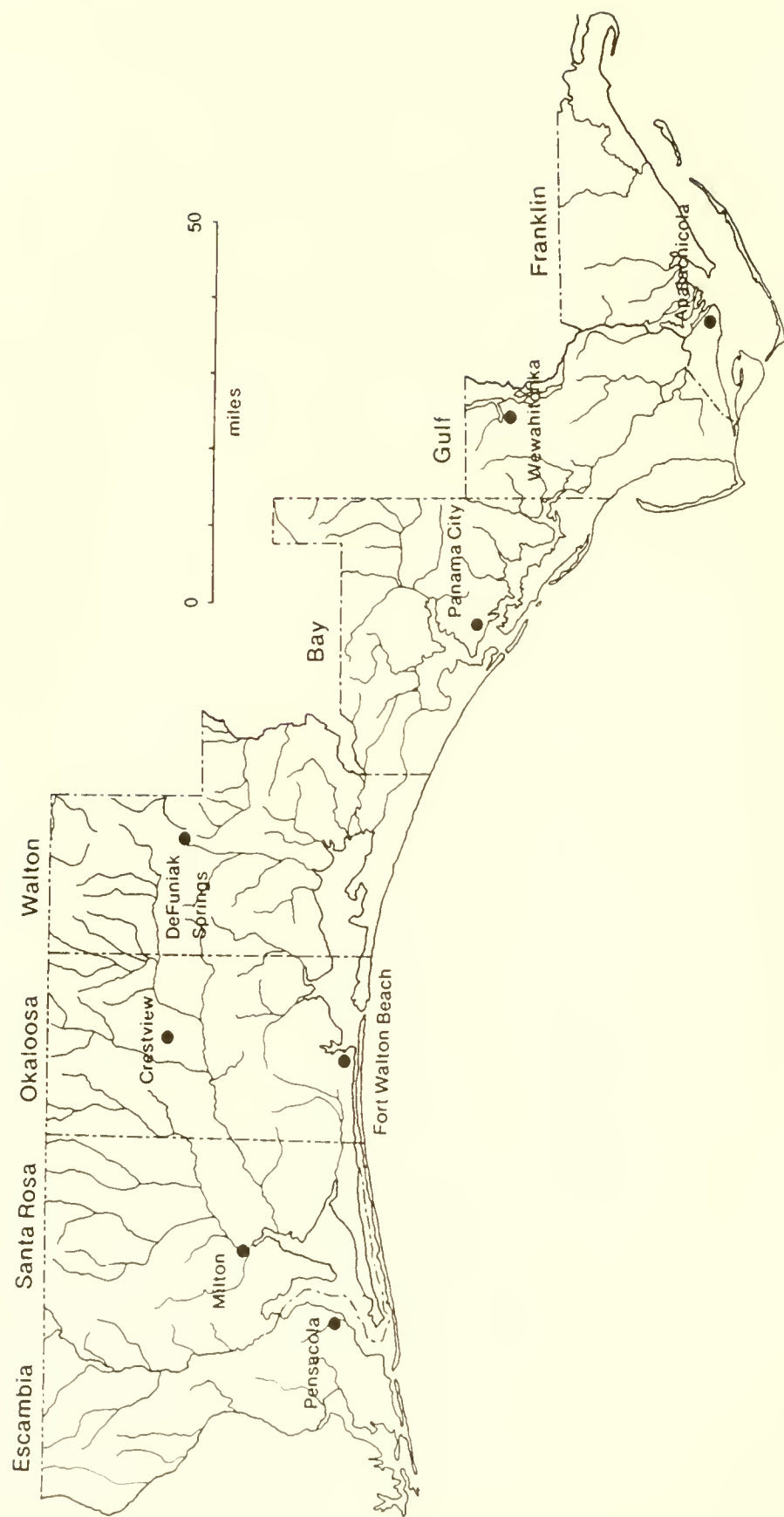


Figure 1. Northwest Florida study region (U.S. Department of the Interior, U.S. Geological Survey 1967).

Table POP 1. Population density (persons/mi<sup>2</sup>) on 1 April in 1950, 1960, 1970 and 1980 (Florida statistical abstract 1976-80; U.S. Department of Commerce 1962b, 1981b).

County	Land area (mi <sup>2</sup> )	1950	1960	1970	1980
Bay	747	57.1	89.9	100.8	130.8
Escambia	665	169.5	261.4	308.8	351.6
Franklin	536	10.8	12.3	13.2	14.3
Gulf	565	13.2	17.6	17.9	18.9
Okaloosa	944	29.2	64.8	93.4	116.4
Santa Rosa	1,032	17.8	28.6	36.6	54.3
Walton	1,053	14.0	14.8	10.3	20.2
Region	5,542	41.4	65.6	79.4	96.9
Florida	549,090	51.2	91.5	125.6	180.1

Table POP 2. Estimates of components of population change for 1950-60 (U.S. Department of Commerce 1962b).

County	Population		Net change		Components of Change		
	April 1950	April 1960	Amount	%	Births	Deaths	Net total migration
Bay	42,689	67,131	24,442	57.3	17,617	3,480	10,305
Escambia	112,706	173,829	61,123	54.2	48,840	10,493	22,776
Franklin	5,814	6,576	762	13.1	1,474	691	-21
Gulf	7,460	9,937	2,477	33.2	2,669	606	474
Okaloosa	27,533	61,175	33,642	122.2	16,064	2,129	19,707
Santa Rosa	18,554	29,547	10,993	59.2	7,676	1,585	5,500
Walton	14,725	15,576	851	5.8	3,673	1,469	-1,353
Region	229,481	363,771	134,290	58.5	97,355	20,453	57,386
Florida	2,771,305	4,951,560	2,180,255	78.7	914,762	351,260	1,616,753

<sup>a</sup> Calculated as a percent of the 1950 population.



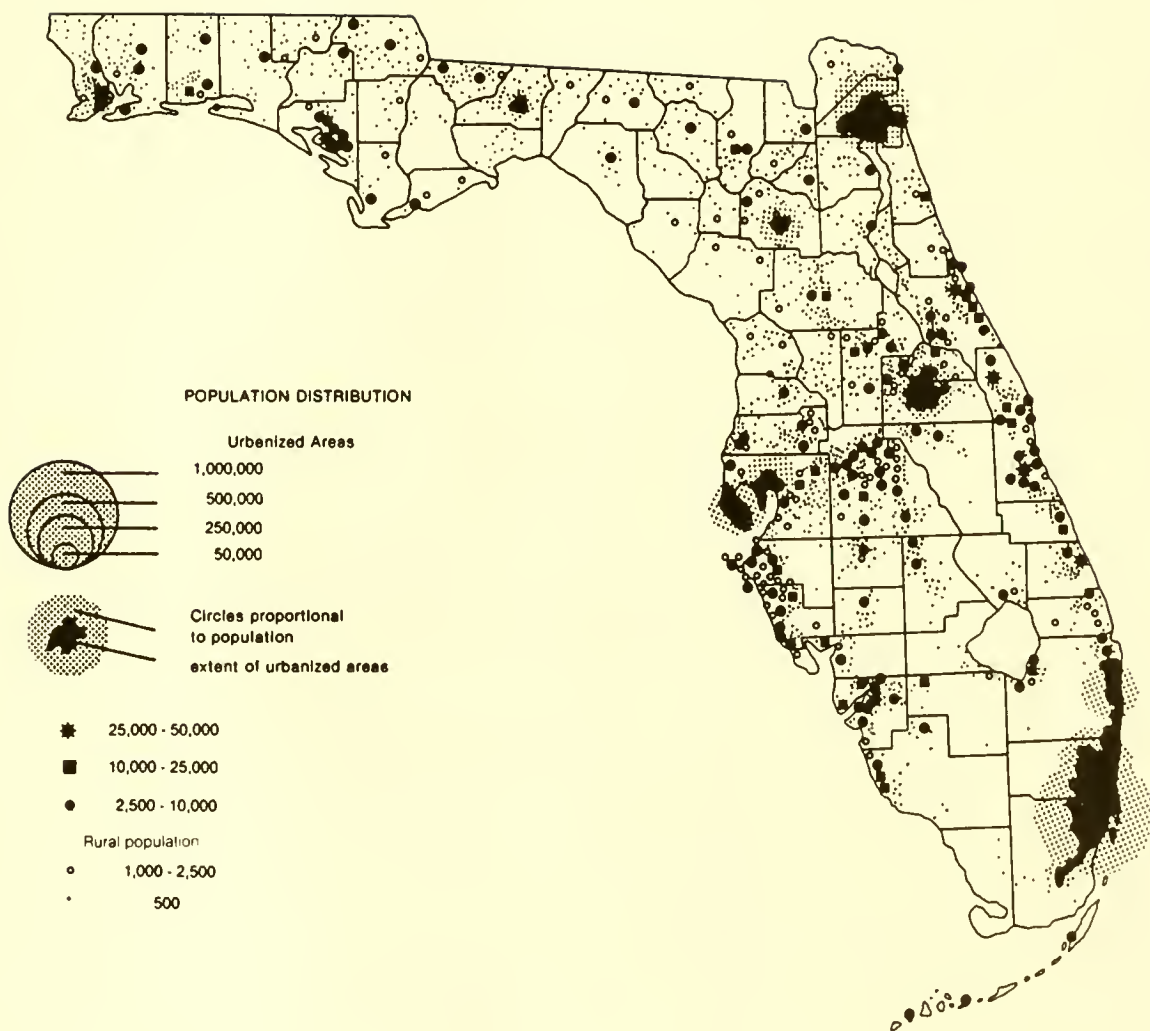


Figure 2. Population distribution in 1970 (Wood and Fernald 1974).

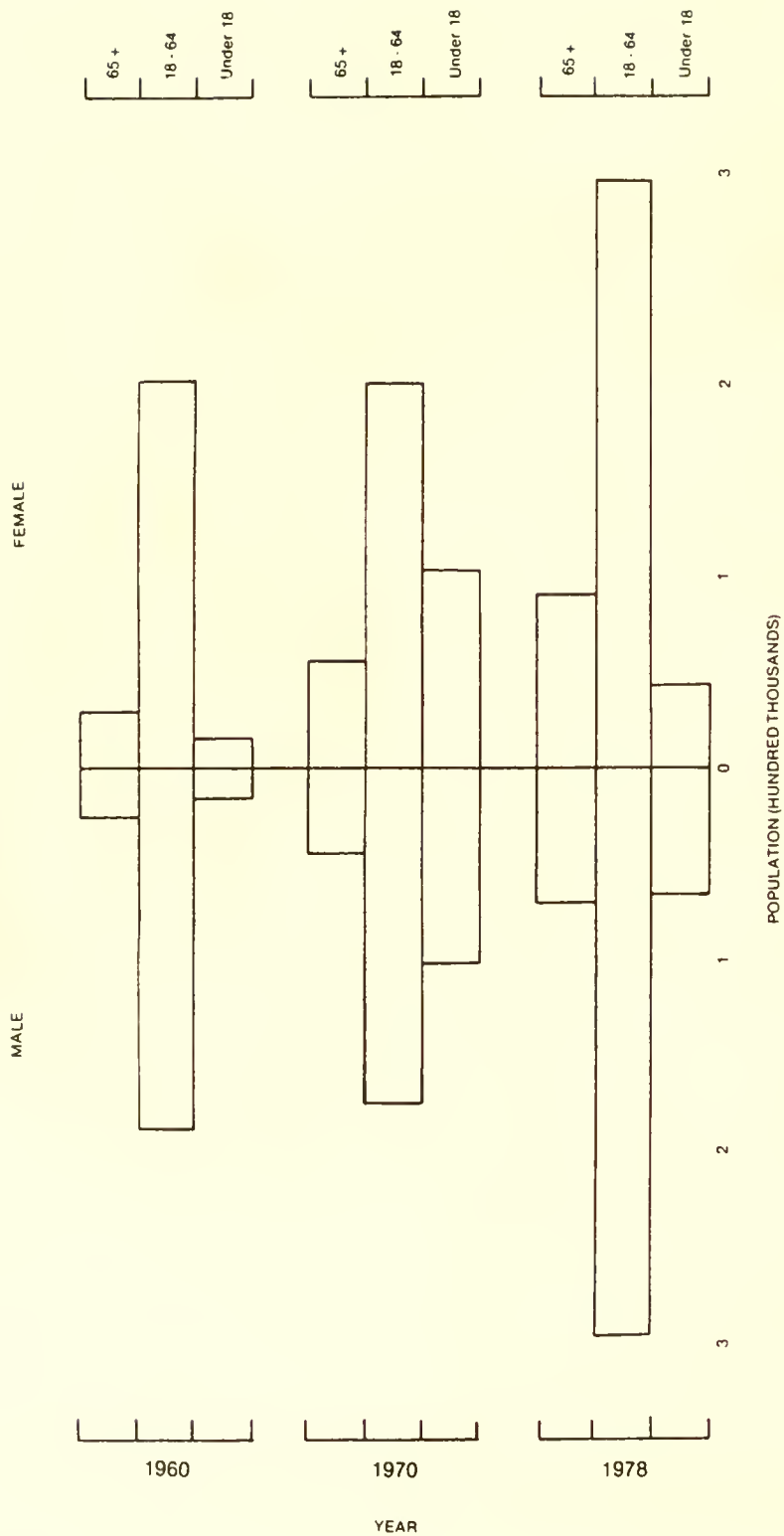


Figure 3. Florida population pyramids for 1960, 1970 and 1978 (U.S. Department of Commerce 1963, 1973a; University of Florida 1979).

Table POP 3. Estimates of components of population change for 1960-70 (U.S. Department of Commerce 1971b).

County	Population		Net change		Components of change		
	April 1960	April 1970	Amount	%	Births	Deaths	Net total migration
Bay	67,131	75,283	8,152	12.1	16,662	4,963	-3,547
Escambia	173,829	205,334	31,505	18.1	46,813	13,589	-1,719
Franklin	6,576	7,065	489	7.4	1,610	881	-240
Gulf	9,937	10,096	159	1.6	2,178	752	-1,267
Okaloosa	61,175	88,187	27,012	44.2	19,868	3,385	10,529
Santa Rosa	29,547	37,741	8,194	27.7	9,548	2,308	954
Walton	15,576	16,087	511	3.3	2,521	1,707	-303
Region	363,711	439,793	76,022	20.9	99,200	27,585	4,407
Florida	4,951,560	6,789,443	1,837,883	37.1	1,107,116	595,541	1,526,308

<sup>a</sup> Calculated as a percent of 1960 population.

Table POP 4. Estimates of components of population change for 1970-79(Florida statistical abstract 1980).

County	Total population		Population change
	Census 4-1-70	Estimate 4-1-79	4-1-70 to 4-1-79
Bay	75,283	97,479	22,196
Escambia	205,334	233,196	27,862
Franklin	7,065	8,403	1,338
Gulf	10,096	11,149	1,053
Okaloosa	88,187	111,866	23,679
Santa Rosa	37,741	50,517	12,776
Walton	16,087	19,218	3,131
Region	439,793	531,828	92,035
Florida	6,791,418	9,245,231	2,453,813

County	Components of change			
	Natural increase		Net migration	
	Number	Percentage <sup>a</sup>	Number	Percentage <sup>a</sup>
Bay	7,854	35.38	14,342	64.62
Escambia	20,658	74.14	7,204	25.86
Franklin	237	17.71	1,101	82.29
Gulf	713	67.71	340	32.29
Okaloosa	12,827	54.17	10,852	45.83
Santa Rosa	4,692	36.73	8,084	63.27
Walton	132	4.22	2,999	95.78
Region	47,113	51.19 <sup>a</sup>	44,922	48.81
Florida	217,567	8.87	2,236,246	91.13

<sup>a</sup> Calculated as a percent of net population change.

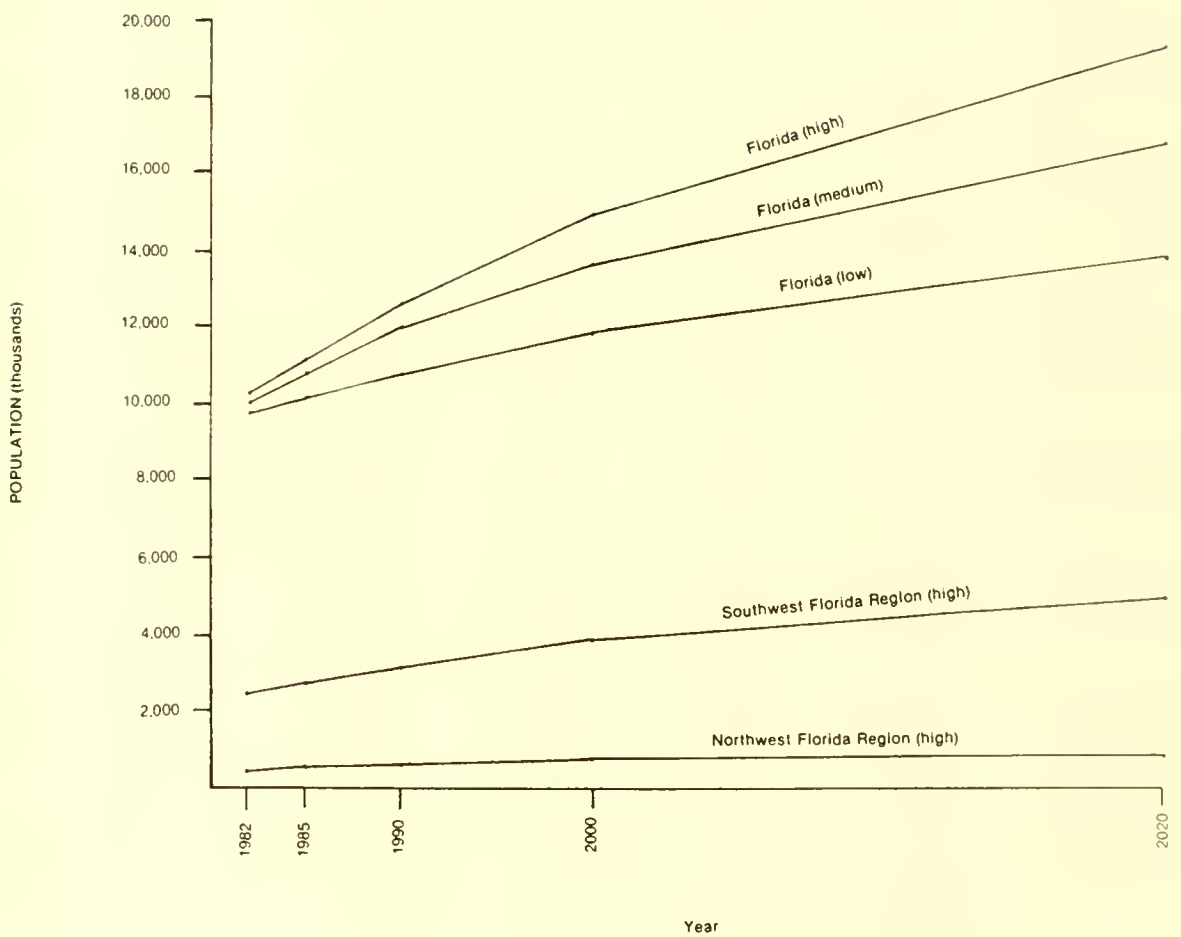


Figure 4. Florida population projections for 1980, 1990, 2000 and 2020 (Florida statistical abstract 1980).

Table POP 5. Population projections (thousands) for the years 1982, 1985, 1990, 2000 and 2020 (Florida statistical abstract 1980).

County	Estimate	Population projections				
		1982	1985	1990	2000	2020
Bay	low	101.2	104.8	109.9	119.3	140.3
	med	102.7	109.4	119.6	135.0	166.0
	high	104.2	112.3	125.0	147.8	190.7
Escambia	low	237.9	242.4	248.8	265.9	312.7
	med	239.7	248.1	260.9	287.8	353.8
	high	241.7	251.9	267.9	307.3	396.5
Franklin	low	8.7	9.0	9.3	10.0	11.7
	med	8.7	9.0	9.6	10.7	13.2
	high	8.9	9.5	10.3	12.0	15.5
Gulf	low	11.4	11.7	11.9	12.7	14.9
	med	11.4	11.7	12.2	13.4	16.4
	high	11.4	11.7	12.3	14.0	18.0
Okaloosa	low	116.8	120.7	126.4	137.2	161.4
	med	118.5	126.0	137.3	154.7	190.2
	high	120.2	129.2	143.3	169.0	218.0
Santa Rosa	low	53.1	55.2	58.2	63.5	74.6
	med	54.0	57.9	64.0	72.7	89.5
	high	54.9	59.7	67.3	80.2	103.4
Walton	low	20.2	20.8	21.6	23.3	27.4
	med	20.4	21.6	23.2	25.9	31.8
	high	20.6	21.8	23.8	27.8	35.9
Region	low	549.3	564.6	586.1	631.9	743.0
	med	555.4	583.7	626.5	700.2	860.9
	high	561.9	596.1	649.9	758.1	978.0
Florida	low	9,755.3	10,167.2	10,751.2	11,751.3	13,817.8
	med	10,039.4	10,810.8	11,978.1	13,624.1	16,754.0
	high	10,213.6	11,133.1	12,591.5	15,033.3	19,397.9

Table POP 6. Population by race and sex in 1950 (U.S. Department of Commerce 1953b).

County	Total	All races		White		Nonwhite	
		Male	Female	Male	Female	Male	Female
Bay	42,689	21,879	20,810	18,422	17,102	3,457	3,708
Escambia	112,706	56,455	56,251	44,753	42,830	11,702	13,421
Franklin	5,814	2,800	3,014	2,131	2,187	669	827
Gulf	7,460	3,729	3,731	2,776	2,677	953	1,054
Okaloosa	27,533	15,404	12,129	14,111	11,224	1,293	905
Santa Rosa	18,554	9,742	8,812	8,955	8,015	787	797
Walton	14,725	7,294	7,431	6,343	6,424	951	1,007
Region	229,481	117,303	112,178	97,491	90,459	19,812	21,719
Florida	2,771,305	1,366,917	1,404,388	1,073,495	1,093,556	294,422	310,832

Table POP 7. Population by race and sex in 1960 (U.S. Department of Commerce 1963b).

County	Total	All races		White		Nonwhite	
		Male	Female	Male	Female	Male	Female
Bay	67,131	34,265	32,866	29,554	27,526	4,711	5,340
Escambia	173,829	86,213	87,616	68,832	68,593	17,381	19,023
Franklin	6,576	3,193	3,383	2,540	2,640	653	743
Gulf	9,937	4,988	4,949	3,827	3,723	1,161	1,226
Okaloosa	61,175	31,771	29,404	29,656	27,323	2,115	2,081
Santa Rosa	29,547	15,572	13,975	14,476	12,908	1,096	1,067
Walton	15,576	7,753	7,823	6,719	6,742	1,034	1,081
Region	363,771	183,755	180,016	155,604	149,455	28,151	30,561
Florida	4,951,560	2,436,783	2,514,777	2,000,593	2,063,288	436,190	451,489



Table POP 8. Population by race and sex in 1970 (U.S. Department of Commerce 1973a).

County	Total	All races		White		Nonwhite	
		Male	Female	Male	Female	Male	Female
Bay	75,283	36,916	38,367	32,206	32,997	4,710	5,370
Escambia	205,334	102,350	102,984	82,236	80,778	20,114	22,206
Franklin	7,065	3,429	3,636	2,806	2,924	623	712
Gulf	10,096	5,074	5,022	3,930	3,820	1,144	1,202
Okaloosa	88,187	45,701	42,486	42,085	39,134	3,616	3,352
Santa Rosa	37,741	19,384	18,357	18,280	17,212	1,104	1,145
Walton	16,087	7,818	8,269	6,975	7,290	843	979
Region	439,793	220,672	219,121	188,518	184,155	32,154	34,966
Florida	6,789,443	3,275,571	3,513,872	2,762,779	2,956,564	512,792	557,308

Table POP 9. Population by race and sex in 1978 (University of Florida, Bureau of Economic and Business Research 1979).

County	Total	All races		White		Nonwhite	
		Male	Female	Male	Female	Male	Female
Bay	96,525	47,077	49,448	42,104	43,549	4,973	5,899
Escambia	231,133	113,982	117,151	92,366	92,626	21,616	24,525
Franklin	8,388	4,015	4,373	3,408	3,625	607	748
Gulf	11,081	5,438	5,643	4,288	4,411	1,150	1,232
Okaloosa	110,106	55,944	54,162	51,296	49,322	4,648	4,840
Santa Rosa	50,284	24,854	25,430	23,790	24,189	1,064	1,241
Walton	19,059	9,045	10,014	8,268	9,067	777	947
Region	526,576	260,355	266,221	225,520	226,789	34,835	39,432
Florida	8,966,395	4,281,389	4,685,006	3,714,345	4,046,381	567,044	638,625

Table POP 10. Net migration of the population for all ages by sex and race in 1960-70 (Bowles et al. 1975).

County	All races			White			Nonwhite		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Bay	-3,702	-3,055	-647	-1,394	-1,967	573	-2,308	-1,088	-1,220
Escambia	-1,492	132	-1,624	-1,382	1,640	-258	-2,874	-1,508	-1,366
Franklin	-233	-87	-146	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Gulf	-1,255	-609	-646	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Okaloosa	10,766	5,863	4,903	9,722	5,214	4,508	1,044	649	395
Santa Rosa	1,069	301	768	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Walton	-298	-202	-96	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Region <sup>a</sup>	--	--	--	--	--	--	--	--	--
Florida	1,331,093	622,962	708,131	1,352,073	639,592	712,481	-20,980	-16,630	-4,350

<sup>a</sup>Data for counties with less than 5,000 nonwhite population in 1960 and 1970 are not categorized by race. For this reason, region totals cannot be computed.

Table POP 11. Educational attainment for males of all ethnic groups in 1950  
(U.S. Department of Commerce 1453b).

County	Population age 25 and over	No schooling	Years of schooling			
			1 to 4	5 to 6	7	8
Bay	11,010	345	1,585	1,175	815	1,525
Escambia	83,320	705	3,785	3,675	2,160	4,010
Franklin	1,505	90	490	180	160	125
Gulf	1,820	125	410	330	160	225
Okaloosa	6,860	160	795	810	485	845
Santa Rosa	4,250	155	595	505	260	535
Walton	3,765	185	830	720	330	660
Region	112,530	1,765	8,490	7,395	4,370	7,925
Florida	789,755	23,465	99,775	84,620	49,435	115,565

County	High school		College		Median Years of education
	1 to 3	4	1 to 3	4	
Bay	1,635	2,215	865	695	9.0
Escambia	4,945	4,815	1,605	1,520	8.8
Franklin	205	135	35	35	6.6
Gulf	230	175	80	70	7.2
Okaloosa	1,245	1,570	495	335	9.7
Santa Rosa	1,090	665	155	165	9.0
Walton	475	320	100	85	7.4
Region	9,825	9,895	3,335	2,905	8.2
Florida	129,850	138,950	62,955	56,885	9.2

Table POP 12. Educational attainment for females of all ethnic groups in 1950  
(U.S. Department of Commerce 1953b).

County	Population age 25 and over	No schooling	Years of schooling			
			1 to 4	5 to 6	7	8
Bay	10,715	245	1,145	1,345	345	1,520
Escambia	29,490	675	3,345	3,760	2,340	3,850
Franklin	1,430	90	270	215	85	140
Gulf	1,930	50	390	335	150	200
Okaloosa	5,770	135	675	680	455	715
Santa Rosa	4,455	180	730	800	395	610
Walton	4,005	135	730	765	300	660
Region	57,795	1,510	7,285	7,900	4,570	7,695
Florida	847,485	18,490	82,520	87,070	52,980	118,840

County	High school		College		Median Years of education
	1 to 3	4	1 to 3	4	
Bay	1,765	2,475	790	480	9.3
Escambia	5,995	6,140	1,655	1,315	9.3
Franklin	255	220	35	85	8.3
Gulf	365	280	105	45	8.2
Okaloosa	1,040	1,245	450	255	9.5
Santa Rosa	770	645	195	65	8.1
Walton	605	460	205	110	8.1
Region	10,795	11,465	3,435	2,355	8.7
Florida	129,850	138,950	62,955	56,885	9.2

Table POP 13. Educational attainment of non-Whites (both sexes) in 1950 (U.S. Department of Commerce 1953b).

County	Population age 25 and over	No schooling	Years of schooling			
			1 to 4	5 to 6	7	8
Bay	3,465	265	1,240	715	315	335
Escambia	12,950	840	3,810	2,735	1,170	1,195
Franklin	825	100	350	115	65	55
Gulf	1,010	105	405	235	75	80
Okaloosa	800	90	205	155	35	90
Santa Rosa	700	115	305	140	35	25
Walton	980	80	310	255	70	85
Region	20,730	1,595	6,625	4,350	1,765	1,865
Florida	323,830	24,605	105,120	67,400	25,670	29,390

County	High school		College		Median Years of education
	1 to 3	4	1 to 3	4	
Bay	295	145	45	55	5.6
Escambia	1,625	735	230	265	6.2
Franklin	55	20	5	25	4.4
Gulf	85	N.D.	15	5	4.9
Okaloosa	85	80	20	10	6.2
Santa Rosa	105	20	10	N.D.	4.4
Walton	85	40	25	15	5.7
Region	2,335	1,040	350	375	N.D.
Florida	32,800	15,145	5,675	5,365	5.8

Table POP 14. Educational attainment for males of all ethnic groups in 1960  
(U.S. Department of Commerce 1963b).

County	Population age 25 and over	No schooling	Years of schooling			
			1 to 4	5 to 6	7	8
Bay	15,850	353	1,385	1,217	864	1,875
Escambia	39,983	775	3,631	3,489	2,364	4,749
Franklin	1,791	96	296	225	164	286
Gulf	2,488	102	414	274	185	260
Okaloosa	14,260	146	860	853	641	1,158
Santa Rosa	6,657	196	714	678	466	803
Walton	4,076	159	725	606	336	549
Region	85,105	1,827	8,025	7,342	5,020	9,680
Florida	1,368,480	33,838	115,604	116,177	81,191	202,113

County	High school		College		Median Years of education
	1 to 3	4	1 to 3	4	
Bay	3,099	4,371	1,401	1,285	11.2
Escambia	8,683	9,171	3,415	3,706	10.7
Franklin	222	329	94	79	8.4
Gulf	483	485	130	147	9.1
Okaloosa	2,414	4,863	1,615	1,710	12.2
Santa Rosa	1,174	1,476	524	627	10.2
Walton	742	561	203	195	8.4
Region	16,817	21,256	7,382	7,749	10.0
Florida	258,214	294,625	133,955	132,763	10.6

Table POP 15. Educational attainment for females of all ethnic groups in 1960  
(U.S. Department of Commerce 1963b).

County	Population age 25 and over	No schooling	Years of schooling			
			1 to 4	5 to 6	7	8
Bay	16,162	225	1,291	1,405	895	1,920
Escambia	43,460	565	3,064	4,122	2,685	5,186
Franklin	1,903	53	215	264	205	251
Gulf	2,317	76	231	186	170	307
Okaloosa	13,446	169	632	987	689	1,302
Santa Rosa	6,498	97	547	716	536	739
Walton	4,375	162	602	605	370	609
Region	88,161	1,347	6,582	8,285	5,550	10,314
Florida	1,476,965	25,932	86,059	110,738	80,528	214,436

County	High school		College		Median Years of education
	1 to 3	4	1 to 3	4	
Bay	3,445	4,587	1,477	917	11.0
Escambia	10,413	11,833	3,339	2,253	10.8
Franklin	402	325	97	91	8.9
Gulf	542	563	146	96	10.0
Okaloosa	2,791	4,709	1,383	784	12.0
Santa Rosa	1,540	1,622	433	268	10.2
Walton	931	673	248	175	8.7
Region	20,064	24,312	7,123	4,584	10.2
Florida	309,657	419,036	141,755	88,824	11.1



Table POP 16. Educational attainment for both sexes of non-Whites in 1960  
(U.S. Department of Commerce 1963b).

County	Population age 25 and over	No schooling	Years of schooling			
			1 to 4	5 to 6	7	8
Bay	4,355	286	1,153	804	278	495
Escambia	15,994	761	3,443	2,790	1,292	1,733
Franklin	713	60	174	138	78	71
Gulf	998	104	290	152	44	119
Okaloosa	1,628	93	315	261	119	151
Santa Rosa	911	65	210	132	64	64
Walton	955	51	246	158	81	89
Region	25,554	1,420	5,831	4,435	1,956	2,722
Florida	418,372	28,478	104,145	75,395	34,991	46,315

County	High school		College		Median Years of education
	1 to 3	4	1 to 3	4	
Bay	797	361	88	93	6.8
Escambia	3,332	1,734	456	453	7.8
Franklin	102	55	19	16	6.8
Gulf	202	71	8	8	6.4
Okaloosa	300	233	108	48	8.2
Santa Rosa	188	153	23	12	7.8
Walton	178	109	15	28	7.3
Region	5,099	2,716	717	258	N.D.
Florida	68,390	38,760	10,243	11,656	7.0

Table POP 17. Educational attainment for males of all ethnic groups in 1970  
(U.S. Department of Commerce 1973a).

County	Population age 25 and over	No schooling	Years of schooling		
			1 to 4	5 to 7	8
Bay	18,355	290	1,362	1,980	1,784
Escambia	46,780	888	2,842	5,343	4,537
Franklin	1,887	69	201	311	284
Gulf	2,544	87	301	431	241
Okaloosa	19,987	147	731	1,273	1,104
Santa Rosa	8,621	138	491	925	720
Walton	4,367	120	484	685	517
Region	102,541	1,739	6,412	10,948	9,187
Florida	1,848,099	32,571	95,616	204,969	212,969

County	High school		College		Median Years of education
	1 to 3	4	1 to 3	4	
Bay	3,120	5,798	1,916	2,105	12 .1
Escambia	8,819	13,892	5,064	5,384	12 .1
Franklin	404	403	109	106	9 .6
Gulf	466	692	183	143	10 .4
Okaloosa	2,460	7,966	2,828	3,478	12 .5
Santa Rosa	1,342	2,796	1,085	1,124	12 .2
Walton	480	1,141	287	353	10 .5
Region	17,091	32,688	11,472	12,693	11 .3
Florida	340,512	499,502	221,600	240,360	12 .1

Table POP 18. Educational attainment for females of all ethnic groups in 1970  
(U.S. Department of Commerce 1973a).

County	Population age 25 and over	No schooling	Years of schooling		
			1 to 4	5 to 7	8
Bay	20,318	233	1,108	2,079	2,067
Escambia	52,637	826	2,223	6,291	4,956
Franklin	2,093	29	187	321	343
Gulf	2,730	77	195	371	279
Okaloosa	20,099	113	541	1,555	1,388
Santa Rosa	9,144	78	344	1,092	864
Walton	4,895	140	394	811	668
Region	111,916	1,496	4,992	12,520	10,555
Florida	2,119,782	29,764	76,980	211,104	240,200

County	High school		College		Median Years of education
	1 to 3	4	1 to 3	4	
Bay	4,954	6,388	2,029	1,470	11.8
Escambia	12,654	17,414	4,551	3,716	11.8
Franklin	428	563	146	76	10.2
Gulf	594	901	157	156	11.2
Okaloosa	3,884	8,414	2,389	1,815	12.3
Santa Rosa	2,030	3,237	876	623	12.1
Walton	1,186	1,171	254	271	10.1
Region	25,730	38,088	10,402	8,127	11.4
Florida	437,912	719,714	237,264	166,904	12.1

Table POP 19. Educational attainment for Negro males in 1970 (U.S. Department of Commerce 1973a).

County	Population age 25 and over	No schooling	Years of schooling		
			1 to 4	5 to 7	8
Bay	1,867	127	470	332	160
Escambia	7,608	503	1,445	1,351	723
Franklin	297	29	92	49	42
Gulf	490	51	108	153	40
Okaloosa	1,193	25	180	173	75
Santa Rosa	312	4	62	61	27
Walton	374	34	33	111	35
Region	12,141	773	2,390	2,230	1,102
Florida	215,076	12,461	43,462	46,436	19,018

County	High school		College		Median Years of education
	1 to 3	4	1 to 3	4	
Bay	368	308	71	31	8.0
Escambia	1,713	1,289	441	143	8.7
Franklin	29	38	7	11	6.1
Gulf	51	59	9	19	7.1
Okaloosa	174	419	107	40	11.5
Santa Rosa	70	55	18	15	9.1
Walton	71	67	23	N.D.	8.3
Region	2,476	2,235	676	--	--
Florida	45,236	32,748	8,633	7,082	8.3

Table POP 20. Educational attainment for Negro females in 1970 (U.S. Department of Commerce 1973a).

County	Population age 25 and over	No schooling	Years of schooling		
			1 to 4	5 to 7	8
Bay	2,453	82	455	487	281
Escambia	9,908	404	1,107	1,948	996
Franklin	359	14	110	64	59
Gulf	561	48	89	119	62
Okaloosa	1,176	22	106	219	64
Santa Rosa	472	6	61	93	28
Walton	476	27	75	74	57
Region	15,405	603	2,003	3,004	1,547
Florida	252,235	8,875	34,424	53,170	25,707

County	High school		College		Median Years of education
	1 to 3	4	1 to 3	4	
Bay	658	295	77	118	8.7
Escambia	2,455	2,085	461	452	9.6
Franklin	50	38	7	17	7.4
Gulf	117	91	13	22	8.4
Okaloosa	338	309	57	61	10.6
Santa Rosa	172	66	22	24	9.8
Walton	114	90	7	32	9.1
Region	3,904	2,974	644	726	N.D.
Florida	64,319	43,362	10,405	13,973	9.2

Table POP 21. Adult basic education enrollment by race and age 65 and over for FY 1978-1979 (Florida Department of Education, Division of Community Colleges ca. 1980).

County	White		Black		Hispanic	
	Non-Hispanic Male	Female	Non-Hispanic Male	Female	Male	Female
Bay	393	535	59	132	1	11
Escambia	87	325	116	406	1	5
Franklin	11	36	N.D.	24	N.D.	N.D.
Gulf	57	95	30	59	N.D.	1
Okaloosa	40	99	26	24	N.D.	N.D.
Santa Rosa	315	382	73	54	4	8
Walton <sup>a</sup>	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Region	--	--	--	--	--	--
Florida	96,818	147,131	34,506	43,621	25,806	38,817

County	Asian/Pacific Islander		American Indian/ Alaskan Native		65 and over	Total
	Male	Female	Male	Female		
Bay	9	113	1	0	17	1,251
Escambia	13	18	1	4	5	976
Franklin	N.D.	1	N.D.	N.D.	N.D.	72
Gulf	N.D.	2	N.D.	N.D.	4	244
Okaloosa	92	145	N.D.	N.D.	3	426
Santa Rosa	3	6	N.D.	N.D.	3	845
Walton <sup>a</sup>						
Region	--	--	--	--	--	3,814
Florida	3,106	4,208	757	990	50,081	395,810

<sup>a</sup> Walton County data are included in Okaloosa County.

Table POP 22. Education data for number of public K-12 schools, students, full-time staff, high school graduates, value of property, expenditures, number of non-public schools and non-public school students in FY 1978-79 (Florida Department of Education 1980).

County	Number of public K-12 schools <sup>a</sup>	Number of students K-12	Number of full-time staff <sup>b</sup>	Number of high school graduates
Bay	30	18,180	2,190	1,340
Escambia	82	38,822	4,426	2,607
Franklin	5	1,670	194	97
Gulf	6	2,211	289	165
Okaloosa	36	22,579	2,729	1,874
Santa Rosa	23	11,058	1,354	931
Walton	9	3,406	429	255
Region	191	97,926	11,611	7,269
Florida	2,256.	1,367,298.	147,939	88,519

County	Assessed value of property (\$)	Total expenditures all funds (\$)	Number of non-public schools <sup>c</sup>	Number of non-public students <sup>c</sup>
Bay	1,064,278,818	36,979,365	7	1,131
Escambia	1,892,604,427	77,354,266	26	5,644
Franklin	109,340,822	5,685,463	1	40
Gulf	113,886,220	4,900,979	2	61
Okaloosa	896,201,061	45,108,363	5	416
Santa Rosa	929,540,786	22,753,939	2	422
Walton	254,448,391	6,374,706	1	56
Region	5,260,300,525	199,157,081	44	7,770
Florida	117,592,872,456	2,962,686,564	871	176,601

<sup>a</sup> Includes adult schools.

<sup>b</sup> Fall, 1978.

<sup>c</sup> Grades 1-12.

Table POP 23. Population and percentage increase per decade from 1950 to 1980 (U.S. Department of Commerce 1953b, 1981b, Florida Statistical Abstract 1980).

County	Population			
	1950	1960	1970	1980
Bay	42,689	67,131	75,283	97,740
Escambia	112,706	173,829	205,334	233,794
Franklin	5,814	6,576	7,065	7,661
Gulf	7,460	9,937	10,096	10,658
Okaloosa	27,533	61,175	88,187	109,920
Santa Rosa	18,554	29,547	37,741	55,988
Walton	14,725	15,576	16,087	21,300
Region	229,481	363,771	440,393	537,061
Florida	2,771,305	4,951,560	6,791,418	9,739,992

County	Percentage increase		
	1950-60	1960-70	1970-80
Bay	57.3	12.1	29.9
Escambia	54.2	18.1	13.9
Franklin	13.1	7.4	18.4
Gulf	33.2	1.6	5.6
Okaloosa	122.2	44.2	24.6
Santa Rosa	59.2	27.7	48.3
Walton	5.8	3.3	32.4
Region	49.29	16.34	24.73
Florida	78.7	37.2	43.4



Table POP 24. Ethnic characteristics of the population in 1960 (U.S. Department of Commerce 1963b).

County	Total population	Native, of native parent	Native, of foreign or mixed parent	Foreign born
Bay	67,131	63,834	2,192	1,105
Escambia	173,829	165,470	5,913	2,446
Franklin	6,576	6,050	389	137
Gulf	9,937	9,787	95	55
Okaloosa	61,175	57,106	2,786	1,283
Santa Rosa	29,547	28,435	767	345
Walton	15,576	15,130	262	184
Region	363,771	345,812	12,404	5,555
Florida	4,952,788	4,219,735	460,892	272,161

Continued

Table POP 24. Concluded.

County	Spanish origin	Puerto Rican origin	Total native population	Total born in Florida
Bay	36	N.D.	66,026	30,491
Escambia	65	N.D.	171,383	81,147
Franklin	N.D.	N.D.	6,439	4,296
Gulf	N.D.	N.D.	9,882	6,499
Okaloosa	61	N.D.	59,892	19,910
Santa Rosa	N.D.	N.D.	29,202	14,416
Walton	N.D.	N.D.	15,392	10,148
Region	--	N.D.	358,216	166,907
Florida	40,933	N.D.	4,680,627	1,783,039

Table POP 25. Ethnic characteristics of the population in 1970 (U.S. Department of Commerce 1963b) .

County	Total population	Native, of native parent	Native, of foreign or mixed parent	Foreign born
Bay	73,283	71,406	2,788	1,089
Escambia	205,334	194,085	8,190	3,059
Franklin	7,065	6,748	215	102
Gulf	10,096	9,955	84	57
Okaloosa	88,187	81,596	5,065	1,526
Santa Rosa	37,741	36,405	1,008	328
Walton	16,087	15,401	462	224
Region	439,793	415,236	17,812	6,385
Florida	6,789,383	5,553,400	695,699	1,235,983

Continued

Table POP 25 . Concluded .

County	Spanish origin	Puerto Rican origin	Total native population	Total born in Florida
Bay	78	128	74,139	34,477
Escambia	3,850	313	202,339	93,821
Franklin	N.D.	N.D.	6,944	4,660
Gulf	N.D.	20	10,050	6,966
Okaloosa	845	331	86,557	23,848
Santa Rosa	87	56	37,333	18,032
Walton	N.D.	N.D.	15,868	10,182
Region	--	--	433,230	191,986
Florida	21,429	2,024	6,247,607	2,348,210

## EMPLOYMENT AND INCOME CHARACTERISTICS (EMP)

Table EMP 1. Total civilian work force, by sex, for 1950, 1960 and 1970 (U.S. Department of Commerce 1953, 1963, 1973a).

County	1950			1960		
	Male	Female	Total	Male	Female	Total
Bay	8,966	3,707	12,673	12,081	6,427	18,508
Escambia	23,024	10,342	33,366	35,402	18,761	54,163
Franklin	1,377	612	1,989	1,331	815	2,146
Gulf	1,977	696	2,673	2,408	897	3,305
Okaloosa	4,224	1,412	5,636	9,531	5,047	14,578
Santa Rosa	3,359	728	4,087	5,190	2,304	7,494
Walton	3,232	946	4,178	3,173	1,454	4,627
Region	46,159	18,443	64,602	69,116	35,705	104,821
Florida	693,093	316,522	1,009,615	1,118,681	600,910	1,719,591

County	1970		
	Male	Female	Total
Bay	14,661	9,888	24,549
Escambia	39,422	24,607	64,029
Franklin	1,530	954	2,484
Gulf	2,287	1,090	3,377
Okaloosa	12,630	9,117	21,747
Santa Rosa	7,226	4,064	11,290
Walton	3,225	1,682	4,907
Region	80,981	51,402	132,383
Florida	260,669	146,319	406,988

Table EMP 2. Annual employment from 1971 to 1978 (Florida Department of Commerce, Division of Economic Development 1979a-79d, 1979f, 1979i, 1979k, 1979l; Florida Statistical Abstract 1980).

County	1971	1972	1973	1974	1975
Bay	25,612	24,601	25,700	29,044	28,565
Escambia	78,556	81,499	85,539	75,367	76,722
Franklin	2,140	2,088	2,168	1,802	1,682
Gulf	4,106	2,383	3,129	2,952	2,555
Okaloosa	21,296	23,340	23,934	29,048	27,983
Santa Rosa <sup>a</sup>	--	--	--	15,459	15,926
Walton	5,276	5,494	5,043	5,921	5,301
Region	136,986	139,405	145,513	159,593	158,734
Florida	2,628,000	2,715,000	2,957,000	3,099,000	3,053,000
County	1976	1977	1978		
Bay	30,109	31,868	34,208		
Escambia	78,007	77,976	83,808		
Franklin	1,783	1,636	1,705		
Gulf	3,410	2,529	3,090		
Okaloosa	29,562	29,422	31,061		
Santa Rosa	17,170	17,163	18,447		
Walton	5,659	6,069	6,602		
Region	165,700	166,663	178,921		
Florida	3,131,000	3,232,000	3,464,000		

<sup>a</sup> Data combined with Escambia County in 1971, 1972 and 1973.

Table EMP 3. Number of employees in agricultural services, forestry and fisheries (SIC#07, #08, #09) for 1956, 1959, 1965, 1970, 1975 and 1978 mid-March pay period (U.S. Department of Commerce 1958, 1961, 1966a, 1971a, 1977b, 1980a).

County	1956	1959	1965	1970	1975	1978
Bay	76	96	76	154	659	20-99
Escambia	281	137	152	166	223	100-249
Franklin	83 <sup>a</sup>	68	41	29	16	0-19
Gulf	D	10	D	D	0-19	0-19
Okaloosa	52	36	53	33	20-99	20-99
Santa Rosa	21	14	65	36	0-19	20-99
Walton	D	D	D	D	0-19	0-19
Region	513	361	387	418	N.D.	N.D.
Florida	7,193	7,660	11,842	14,093	18,175	25,699

<sup>a</sup> Data withheld to avoid disclosure of individual establishments.



Table EMP 4 . Number of employees in contract construction<sup>a</sup> for 1956, 1959, 1965, 1970, 1975 and 1978 mid-March pay period (U.S. Department of Commerce 1958, 1961, 1966a, 1971a, 1977b, 1980a).

County	1956	1959	1965	1970	1975	1978
Bay	893	963	1,539	1,433	1,751	2,194
Escambia	2,660	3,541	4,579 <sup>b</sup>	5,049	5,549	5,830
Franklin	24	31	D	D	10	0-19
Gulf	116	218	73	165	36	39
Okaloosa	463	529	1,156	1,606	1,479	2,115
Santa Rosa	199	413	526	740	690	1,036
Walton	154	242	178	148	121	172
Region	4,509	5,937	--	--	9,636	--
Florida	93,536	115,184	131,294	174,801	183,054	216,139

<sup>a</sup> No SIC# given.

<sup>b</sup> Data withheld to avoid disclosure of individual establishments.

Table EMP 5. Number of employees in manufacturing<sup>a</sup> for 1956, 1959, 1965, 1970, 1975 and 1978 mid-March pay period (U.S. Department of Commerce 1958, 1961, 1966a, 1971a, 1977b, 19780a).

County	1956	1959	1965	1970	1975	1978
Bay	2,563	2,411	2,562	2,679	3,183	3,187
Escambia	9,916	14,849	12,372	11,042	11,017	11,636
Franklin	58	63	136	120	170	211
Gulf	1,443	1,057	1,113	1,440	647	500-999
Okaloosa	446	980	671	1,494	1,753	2,385
Santa Rosa	316	454	1,818	1,153	1,000-2,499	1,000-2,499
Walton	165	256	312	353	871	778
Region	14,907	20,070	18,984	18,281	--	--
Florida	148,720	194,188	249,076	325,757	339,136	408,789

<sup>a</sup> No SIC# given.

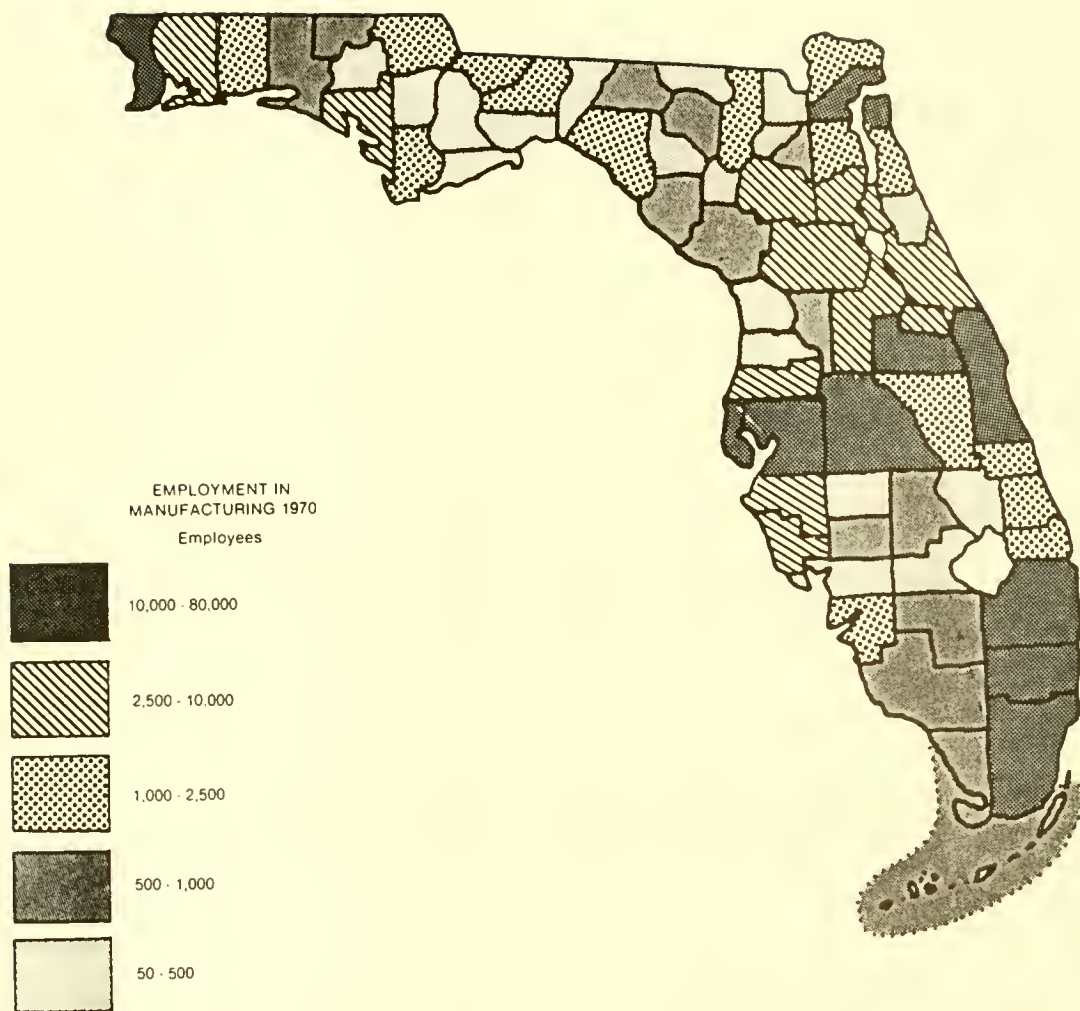


Figure 5. Number of persons employed in manufacturing in 1970 (Wood and Fernald 1971)

Table EMP 6. Number of employees in food and kindred products manufacturing (SIC# 20) for 1956, 1959, 1965, 1970, 1975 and 1978 mid-March pay period (U.S. Department of Commerce 1958, 1961, 1966a, 1971a, 1977b, 1980a).

County	1956	1959	1965	1970	1975	1978
Bay	164	231	285	267	150	121
Escambia	646	673	843	575	643	618
Franklin	N.D.	N.D.	106	87	134	173
Gulf	N.D.	N.D.	N.D.	N.D.	N.D.	20-99
Okaloosa	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Santa Rosa	N.D.	N.D.	N.D. <sup>a</sup>	N.D.	N.D.	N.D.
Walton	N.D.	197	D	D	500-999	250-499
Region	--	1,101	1,234	929	--	--
Florida	33,909	40,356	43,340	48,576	48,506	48,469

<sup>a</sup> Data withheld to avoid disclosure of individual establishments.

Table EMP 7. Number of employees in lumber and wood products manufacturing (SIC# 24) for 1956, 1959, 1965, 1970, 1975 and 1978 mid-March pay period (U.S. Department of Commerce 1958, 1961, 1966a, 1971a, 1977b, 1980a) .

County	1956	1959	1965	1970	1975	1978
Bay	161	N.D.	115 <sup>a</sup>	143	72	356
Escambia	717	815	D	722	462	638
Franklin	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Gulf	223	N.D.	D	N.D.	N.D.	N.D.
Okaloosa	196	189	213	236	134	143
Santa Rosa	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Walton	107	N.D.	D	N.D.	89	145
Region	--	--	328	--	--	--
Florida	17,703	13,872	13,301	13,158	14,105	20,392

<sup>a</sup> Data withheld to avoid disclosure of individual establishments.

Table EMP 8 . Number of employees in transportation and other public utilities<sup>a</sup> for 1956, 1959, 1965, 1970, 1975 and 1978 mid-March pay period (U.S. Department of Commerce 1958, 1961, 1966a, 1971a, 1977b, 1980a).

County	1956	1959	1965	1970	1975	1978
Bay	822	545	931	1,293	1,555	1,556
Escambia	2,227 <sup>b</sup>	1,879	2,604	2,901	3,384	3,609
Franklin	D	D	27	43	20-99	52
Gulf	226	92	164	D	81	126
Okaloosa	226	298	518	947	1,541	1,137
Santa Rosa	51	66	173	305	100-249	283
Walton	74	61	92	117	79	137
Region	3,626	2,941	4,482	5,563	--	6,900
Florida	68,097	79,323	96,864	140,895	175,975	182,994

<sup>a</sup> No SIC # given .

<sup>b</sup> Data withheld to avoid disclosure of individual establishments .

Table EMP 9 . Number of employees in wholesale trade<sup>a</sup> for 1956, 1959, 1965, 1970, 1975 and 1978 mid-March pay period (U.S. Department of Commerce 1958, 1961, 1966a, 1971a, 1977b, 1980a) .

County	1956	1959	1965	1970	1975	1978
Bay	670	632	759	860	1,226	1,259
Escambia	2,208	2,064	2,120	2,527	3,378	3,336
Franklin	260	231	288	294	195	225
Gulf	79	62	75	123	83	27
Okaloosa	152	247	294	320	455	553
Santa Rosa	17	54	120	129	194	100-249
Walton	73	74	47	123	160	142
Region	3,459	3,364	3,703	4,376	5,691	--
Florida	76,839	83,803	102,594	134,123	153,193	172,712

<sup>a</sup> No SIC# given.

Table EMP 10. Number of employees in retail trade<sup>a</sup> for 1956, 1959, 1965, 1970, 1975 and 1978 mid-March pay period (U.S. Department of Commerce 1958, 1961, 1966a, 1971a, 1977b, 1980a).

County	1956	1959	1965	1970	1975	1978
Bay	2,635	3,069	3,178	4,756	5,446	7,530
Escambia	6,299	7,218	8,252	11,159	13,739	15,670
Franklin	181	180	204	159	186	251
Gulf	283	346	331	271	275	250-499
Okaloosa	1,335	1,548	2,714	4,117	5,182	6,804
Santa Rosa	364	514	697	891	1,271	1,774
Walton	520	519	486	563	530	684
Region	11,617	13,394	15,862	21,916	26,629	--
Florida	218,339	244,050	316,867	439,700	555,178	668,931

<sup>a</sup> No SIC # given.



Table EMP 11. Number of employees in retail trade food stores (SIC# 54) for 1956, 1959, 1965, 1970, 1975 and 1978 mid-March pay period (U.S. Department of Commerce 1958, 1961, 1966a, 1971a, 1977b, 1980a).

County	1956	1959	1965	1970	1975	1978
Bay	363	415	480	797	803	1,234
Escambia	965	1,138	1,309	1,791	1,800	2,380
Franklin	41	47	64	40	50	85
Gulf	50	82	134	80	98	106
Okaloosa	165	192	372	545	1,034	1,108
Santa Rosa	71	110	146	182	336	506
Walton	59	105	102	127	131	163
Region	1,714	2,089	2,607	3,562	4,252	5,582
Florida	34,602	33,635	48,647	65,945	84,174	100,792

Table EMP 12. Number of employees in automotive dealers and service stations retail trade (SIC# 55) for 1956, 1959, 1965, 1970, 1978 mid-March pay period (U.S. Department of Commerce 1958, 1961, 1966a, 1971a, 1977b, 1980a).

County	1956	1959	1965	1970	1975	1978
Bay	584	601	654	756	856	944
Escambia	1,213	1,322	1,653	1,911	2,137	2,311
Franklin	N.D.	30	N.D.	N.D.	N.D.	N.D.
Gulf	70	55	53	N.D.	N.D.	N.D.
Okaloosa	346	392	593	855	859	954
Santa Rosa	84	119	186	224	261	408
Walton	144	114	122	122	120	177
Region	--	2,633	--	--	--	--
Florida	35,010	39,130	52,010	64,405	71,802	83,573

Table EMP 13. Number of employees in eating and drinking places retail trade (SIC# 58) for 1956, 1959, 1965, 1970, 1975 and 1978 mid-March pay period (U.S. Department of Commerce 1958, 1961, 1966a, 1971a, 1977b, 1980a).

County	1956	1959	1965	1970	1975	1978
Bay	445	471	557	1,247	1,538	2,456
Escambia	1,154	1,237	1,589	2,587	3,377	4,207
Franklin	57	N.D.	35	N.D.	57	N.D.
Gulf	N.D.	N.D.	21	31	N.D.	58
Okaloosa	279	261	548	966	1,352	1,966
Santa Rosa	65	62	117	154	260	370
Walton	45	N.D.	44	126	80	148
Region	--	--	2,911	--	--	--
Florida	51,003	54,836	72,878	106,009	147,163	200,310

Table EMP 14. Number of employees in miscellaneous retail trade (SIC# 59) for 1956, 1959, 1965, 1970, 1975 and 1978 mid-March pay period (U.S. Department of Commerce 1958, 1961, 1966a, 1971a, 1977b, 1980a).

County	1956	1959	1965	1970	1975	1978
Bay	306	518	448	611	532	764
Escambia	782	887	1,078	1,536	1,595	1,836
Franklin	N.D.	24	N.D.	N.D.	N.D.	N.D.
Gulf	N.D.	34	32	34	N.D.	63
Okaloosa	144	202	309	381	559	814
Santa Rosa	N.D.	N.D.	89	127	168	159
Walton	61	54	77	70	58	57
Region	--	--	--	--	--	--
Florida	25,821	31,136	39,880	49,521	68,259	78,648

Table EMP 15. Number of employees in finance, insurance and real estate<sup>a</sup> for 1956, 1959, 1965, 1970, 1975 and 1978 mid-March pay period (U.S. Department of Commerce 1958, 1961, 1966a, 1971a, 1977b, 1980a).

County	1956	1959	1965	1970	1975	1978
Bay	508	526	624	899	1,415	1,635
Escambia	1,270	1,462 <sup>b</sup>	1,954	2,366	2,851	3,687
Franklin	13	D	D	25	56	85
Gulf	74	66	47	75	84	81
Okaloosa	216	211	395	702	1,661	1,693
Santa Rosa	48	118	174	245	306	335
Walton	32	51	72	79	66	87
Region	2,161	--	--	4,366	6,439	7,603
Florida	56,798	75,193	98,359	140,138	192,978	226,333

<sup>a</sup> No SIC # given.

<sup>b</sup> Data withheld to avoid disclosure of individual establishments.

Table EMP 16. Number of employees in hotel and other lodging place services (SIC# 70) for 1956, 1959, 1965, 1970, 1975 and 1978 mid-March pay period (U.S. Department of Commerce 1958, 1961, 1966a, 1971a, 1977b, 1980a).

County	1956	1959	1965	1970	1975	1978
Bay	541	393	476	719	994	1,338
Escambia	385	370	448	590	887	860
Franklin	23	46	30	N.D.	N.D.	N.D.
Gulf	N.D.	26	N.D.	N.D.	N.D.	N.D.
Okaloosa	131	249	361	617	661	1,017
Santa Rosa	N.D.	N.D.	30	96	58	72
Walton	N.D.	N.D.	N.D.	N.D.	N.D.	20-99
Region	--	--	--	--	--	--
Florida	41,677	44,700	60,174	65,426	80,511	93,823

Table EMP 17 . Number of employees in personal services (SIC# 72) for 1956, 1959, 1965, 1970, 1975 and 1978 mid-March pay period (U.S. Department of Commerce 1958, 1961, 1966a, 1971a, 1977b, 1980a).

County	1956	1959	1965	1970	1975	1978
Bay	323	324	365	422	367	342
Escambia	1,007	918	1,101	1,053	882	979
Franklin	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Gulf	N.D.	N.D.	N.D.	17	N.D.	N.D.
Okaloosa	161	236	240	346	288	317
Santa Rosa	53	87	72	88	101	107
Walton	68	46	61	30	51	N.D.
Region	--	--	--	--	--	--
Florida	28,421	31,331	36,947	41,017	41,084	45,577

Table EMP 18. Number of employees in health services (SIC# 80) for 1956, 1959, 1965, 1970, 1975 and 1978 mid-March pay period (U.S. Department of Commerce 1958, 1961, 1966a, 1971a, 1977b, 1980a).

County	1956	1959	1965	1970	1975	1978
Bay	157	191	227	417	775	1,289
Escambia	330	1,238	1,600	2,533	4,105	5,491
Franklin	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Gulf	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Okaloosa	63	56	80	154	871	1,073
Santa Rosa	N.D.	N.D.	44	74	135	254
Walton	N.D.	N.D.	66	77	N.D.	56
Region	--	--	--	--	--	--
Florida	12,418	29,128	48,698	83,939	142,801	174,054



Table EMP 19. Agricultural employment for hired farm labor for 1954, 1959, 1964, 1968 and 1974 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972, 1977a).

County	1954	1959	1964	1969	1974
Bay	126,150	141,569	125,776	110,995	130,000
Escambia	266,916	416,391	255,124	515,692	663,000
Franklin	9,512	200	22,000	N.D.	N.D.
Gulf	13,890	38,195	34,006	33,885	545,000
Okaloosa	83,040	44,965	44,965	136,254	399,000
Santa Rosa	328,726	354,345	278,026	337,287	507,000
Walton	9,510	207,675	155,243	645,178	596,000
Region	837,744	1,203,340	915,140	--	--
Florida	84,238,374	112,935,551	155,953,699	173,466,906	262,252,000

Table EMP 20. Agricultural employment for contract labor for 1954, 1959, 1964, 1968 and 1974 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972, 1977a).

County	1954	1959	1964	1969	1974 <sup>a</sup>
Bay	20,987	11,340	1,603	12,717	73,000
Escambia	59,159	101,425	138,435	180,635	262,000
Franklin	1,150	N.D.	N.D.	N.D.	N.D.
Gulf	3,140	4,950	2,640	4,895	8,000
Okaloosa	27,220	16,490	98,898	87,609	149,000
Santa Rosa	177,767	158,895	233,023	289,540	437,000
Walton	54,966	25,520	99,087	128,668	441,000
Region	344,389	--	--	--	--
Florida	12,684,281	23,278,220	62,052,584	119,842,480	136,888,000

<sup>a</sup> Includes machine hire and custom work.

Table EMP 21. Agricultural employment<sup>a</sup> for 1960, 1965, 1970 and 1975  
 (Florida Department of Commerce , Division of Employment Security ca. 1980).

County	1960	1965	1970	1975
Bay	300	250	180	200
Escambia	3,200	2,700	2,900	N.D.
Franklin	N.D.	N.D.	80	80
Gulf	100	100	120	120
Okaloosa	550	450	300	220
Santa Rosa	N.D.	1,800	2,000	N.D.
Walton	800	800	340	260
Region	--	--	--	--
Florida	--	--	--	--

<sup>a</sup> Data include self-employed, paid family workers and hired labor rounded to the nearest 10.

Table EMP 22. Number of employees in eating establishments (SIC# 5812) for 1956, 1959, 1965, 1970, 1975 and 1978 (U.S. Department of Commerce 1958, 1961, 1966a, 1971a, 1977b, 1980a) .

County	1956 <sup>a</sup>	1959 <sup>a</sup>	1965 <sup>a</sup>	1970 <sup>a</sup>	1975	1978
Bay	445	471	557	1,247	1,276	2,279
Escambia	1,154	1,237	1,589	2,587	2,527	3,716
Franklin	57	N.D.	35	N.D.	N.D.	N.D.
Gulf	N.D.	N.D.	21	31	N.D.	20-99
Okaloosa	279	261	548	966	1,159	1,880
Santa Rosa	65	62	117	154	245	250-499
Walton	45	N.D.	44	126	65	100-249
Region	--	--	2,911	--	--	--
Florida	51,003	54,836	72,878	106,009	147,163	187,166

<sup>a</sup> Data include drinking establishments .

Table EMP 23. Number of employees in drinking establishments (SIC# 5813) for 1975<sup>a</sup> and 1978 (U.S. Department of Commerce 1977b, 1980a) .

County	1975	1978
Bay	N.D.	N.D.
Escambia	96	155
Franklin	N.D.	N.D.
Gulf	N.D.	N.D.
Okaloosa	74	86
Santa Rosa	N.D.	N.D.
Walton	N.D.	N.D.
Region	--	--
Florida	5,000-9,999	11,866

<sup>a</sup> Data for 1956, 1959 and 1965 are included in Table EMP 51 .

Table EMP 24. Median family income (\$) for 1950, 1960, 1969 and 1979 (U.S. Department of Commerce 1953, 1963; Florida Department of Commerce, Division of Economic Development 1980b).

County	1950	1960	1969	1979
Bay	2,498	4,413	7,416	13,600
Escambia	2,650	5,174	8,027	14,600
Franklin	1,536	2,699	4,338	8,200
Gulf	2,054	4,858	7,322	13,500
Okaloosa	2,215	4,901	7,876	14,600
Santa Rosa	1,631	4,692	7,707	14,600
Walton	1,273	3,138	5,828	10,600
Region	1,980	4,268	6,930	12,814
Florida	--	--	--	--

Table EMP 25. Per capita personal income (\$) for 1950, 1960, 1970, and 1971-78 (Florida statistical abstract 1962, 1977, 1980).

County	1950	1960	1970	1971	1972	1973
Bay	1,047	1,527	2,833	3,086	3,394	3,776
Escambia	1,218	1,909	3,147	3,427	3,759	3,957
Franklin	710	1,000	1,626	1,805	3,071	2,802
Gulf	1,134	1,908	2,693	2,389	2,843	3,410
Okaloosa	1,118	1,857	3,032	3,315	3,491	3,754
Santa Rosa	730	985	3,145	3,308	3,576	3,789
Walton	573	840	2,192	2,249	2,569	2,998
Florida	1,314	1,988	3,738	4,007	4,461	4,988

County	1974	1975	1976	1977	1978
Bay	4,119	4,519	4,965	5,394	5,994
Escambia	4,388	4,734	4,961	5,453	6,050
Franklin	2,499	2,884	3,148	3,355	3,679
Gulf	3,978	4,313	4,968	5,346	6,137
Okaloosa	4,174	4,410	4,919	5,372	6,031
Santa Rosa	4,208	4,479	4,688	5,183	5,671
Walton	3,412	3,623	3,897	4,214	4,782
Florida	5,341	5,634	6,094	6,728	7,578

Table EMP 26. Wholesale and retail establishments and sales for 1954, 1958, 1963, 1967, 1972 and 1977 (U.S. Department of Commerce 1962a, 1967b, 1973b; Florida statistical abstract 1980).

	1954			
	Wholesale		Retail	
	Establishments	Sales	Establishments	Sales (\$1,000)
Bay	63	N.D.	576	53,205
Escambia	127	N.D.	1,199	129,249
Franklin	30	N.D.	93	3,813
Gulf	6	N.D.	135	7,199
Okaloosa	18	N.D.	323	27,268
Santa Rosa	5	N.D.	160	9,043
Walton	14	N.D.	144	10,636
Region	263	N.D.	2,630	240,413
Florida	5,309	N.D.	41,303	4,014,417

	1958			
	Wholesale		Retail	
	Establishments	Sales (\$1,000)	Establishments	Sales (\$1,000)
Bay	83	52,628	654	69,997
Escambia	179	134,886	1,360	181,859
Franklin	22	3,978	105	5,839
Gulf	11	3,537	115	9,137
Okaloosa	21	5,135	444	39,975
Santa Rosa	11	2,570	206	16,223
Walton	17	8,035	150	14,565
Region	344	210,769	3,034	337,595
Florida	7,232	5,511,899	49,547	5,839,600

Continued

Table EMP 26. Continued

1963				
	Wholesale		Retail	
	Establishments	Sales (\$1,000)	Establishments	Sales (\$1,000)
Bay	100	43,597	711	88,857
Escambia	203	135,592	1,480	217,950
Franklin	28	12,373	85	7,001
Gulf	12	3,130	105	7,269
Okaloosa	39	10,766	530	67,225
Santa Rosa	14	6,183	270	23,932
Walton	18	8,554	152	15,743
Region	414	220,195	3,333	427,977
Florida	8,896	7,486,810	53,293	7,609,717

1967				
	Wholesale		Retail	
	Establishments	Sales (\$1,000)	Establishments	Sales (\$1,000)
Bay	97	53,899	795	121,454
Escambia	201	169,930	1,526	290,187
Franklin	31	13,857	85	5,355
Gulf	12	4,990	118	9,596
Okaloosa	43	20,812	569	92,176
Santa Rosa	14	6,437	257	26,413
Walton	16	21,307	48	2,657
Region	414	291,232	3,398	547,838
Florida	9,650	10,302,824	58,727	10,280,334

Continued



Table EMP 26. Concluded.

1972				
	Wholesale		Retail	
	Establishments	Sales (\$1,000)	Establishments	Sales (\$1,000)
Bay	115	109,000	973	195,722
Escambia	263	295,800	1,931	517,133
Franklin	32	12,300	89	8,280
Gulf	10	7,600	114	11,462
Okaloosa	66	47,600	907	188,093
Santa Rosa	44	32,500	325	48,542
Walton	30	25,900	169	25,465
Region	560	530,700	4,508	994,697
Florida	13,450	19,983,900	76,130	19,497,978

1977				
	Wholesale		Retail	
	Establishments	Sales (\$1,000)	Establishments	Sales (\$1,000)
Bay	134	263,851	1,031	334,000
Escambia	296	553,021	1,930	772,000
Franklin	35	18,954	110	16,000
Gulf	6	5,663	111	19,000
Okaloosa	82	89,815	981	315,000
Santa Rosa	41	51,577	357	102,000
Walton	24	32,656	174	35,000
Region	618	1,015,537	4,694	1,593,000
Florida	15,409	34,380,491	82,251	31,413,000

HEALTH SERVICES (SER)

Table SER 1. Licensed health professionals for 1966, 1967, 1968 and 1973 (Department of Health, Education and Welfare, Public Health Service 1971a, 1971b, 1974).

County	1966		1967			
	Registered nurses	Pharmacists	Dentists	Licensed practical nurses	Medical doctors	Osteopaths
Bay	227	32	19	119	65	2
Escambia	831	110	73	471	338	1
Franklin	17	5	4	9	3	3
Gulf	15	5	2	16	4	0
Okaloosa	284	22	19	77	82	1
Santa Rosa	74	23	7	47	30	0
Walton	46	7	3	11	9	0
Region	1,494	204	127	750	531	7
Florida	28,091	4,294	3,189	11,625	9,716	8,235

Continued

Table SER 1. Concluded.

County	1968		1973
	Podiatrists	Veterinarians	Optometrists
Bay	1	7	6
Escambia	2	19	10
Franklin	0	0	0
Gulf	0	0	1
Okaloosa	0	9	7
Santa Rosa	0	2	1
Walton	0	2	1
Region	3	39	26
Florida	221	780	601

Table SER 2. Licensed health professionals as of June 1976 (Florida statistical abstract 1977).

County	Chiropractors	Dentists	Licensed practical nurses	Registered nurses	Optometrists	Medical doctors
Bay	9	29	220	317	8	84
Escambia	14	91	919	1,251	10	324
Franklin	0	1	9	13	0	3
Gulf	0	2	27	25	1	5
Okaloosa	4	37	141	402	12	100
Santa Rosa	2	14	139	238	1	32
Walton	2	3	16	44	1	9
Region	31	177	1,471	2,290	33	557
Florida	932	3,904	21,556	45,529	757	13,437
			Continued			

Table SER 2. Concluded.

County	Osteopaths	Pharmacists	Podiatrists	Veterinarians
Bay	4	50	1	8
Escambia	3	131	2	25
Franklin	1	8	0	1
Gulf	0	6	0	0
Okaloosa	0	34	0	11
Santa Rosa	0	32	0	3
Walton	0	5	0	1
Region	8	266	3	49
Florida	814	5,063	315	986

Table SER 3. Licensed health professionals as of June 1978 (Florida statistical abstract 1978).

County	Chiropractors	Dentists	Licensed practical nurses	Registered nurses	Optometrists	Medical doctors
Bay	11	40	255	387	10	85
Escambia	14	99	1,118	1,345	11	356
Franklin	0	2	11	14	0	3
Gulf	0	2	33	29	1	8
Okaloosa	5	53	164	429	10	93
Santa Rosa	2	19	181	289	1	32
Walton	2	3	19	43	1	9
Region	34	218	1,781	2,536	34	586
Florida	1,132	4,958	24,647	51,212	824	15,399
Continued						

Table SER 3 Concluded.

County	Osteopaths	Pharmacists	Podiatrists	Veterinarians
Bay	5	58	2	8
Escambia	2	143	3	25
Franklin	1	9	0	1
Gulf	0	5	0	0
Okaloosa	2	40	1	10
Santa Rosa	0	31	0	5
Walton	0	6	0	2
Region	10	292	6	51
Florida	859	5,812	377	1,133



Table SER 4. Licensed health professionals as of February 1980 (Florida statistical abstract 1980).

County	Chiropractors	Dentists	Licensed practical nurses	Registered nurses	Optometrists	Medical doctors
Bay	11	39	277	465	12	102
Escambia	16	118	1,233	1,474	13	394
Franklin	0	2	14	16	0	3
Gulf	0	2	27	30	1	8
Okaloosa	8	53	208	497	13	106
Santa Rosa	2	120	232	340	1	44
Walton	2	3	22	44	1	10
Region	39	337	2,013	2,866	41	667
Florida	1,362	5,462	28,115	58,483	885	17,701

Continued

Table SER 4. Concluded.

County	Osteopaths	Pharmacists	Podiatrists	Veterinarians
Bay	6	65	2	9
Escambia	4	158	3	30
Franklin	1	8	0	1
Gulf	0	4	0	0
Okaloosa	1	47	1	11
Santa Rosa	0	36	0	4
Walton	0	10	0	2
Region	12	328	6	57
Florida	949	6,383	447	1,284

Table SER 5. Licensed health professionals as of January 1981 (Florida Department of Professional Regulation ca. 1981).

County	Chiropractors	Dentists	Licensed practical nurses	Registered nurses	Optometrists	Medical doctors
Bay	11	37	318	526	12	110
Escambia	13	102	1,364	1,669	13	420
Franklin	0	1	17	20	0	3
Gulf	0	2	28	31	1	7
Okaloosa	9	47	252	565	12	119
Santa Rosa	2	16	269	398	2	46
Walton	3	3	26	51	1	9
Region	38	208	2,274	3,260	41	714
Florida	1,428	4,901	31,699	64,365	885	17,815

Continued

Table SER 5. Concluded.

County	Osteopaths	Pharmacists	Podiatrists	Veterinarians
Bay	7	69	2	10
Escambia	5	159	3	28
Franklin	1	6	0	1
Gulf	0	4	0	0
Okaloosa	1	50	1	13
Santa Rosa	0	40	0	4
Walton	0	11	0	2
Region	14	339	6	58
Florida	999	6,766	461	1,504

Table SER 6. Licensed general hospitals, number of beds and total number of beds per 1000 population for 1973-74 (Florida statistical abstract 1976, 1977).

County	1973			1974		
	Hospitals	Beds	Number of beds per 1000 population	Hospitals	Beds	Number of beds per 1000 population
Bay	2	243	N.D.	3	281	3.33
Escambia	5	1,247	N.D.	5	1,176	5.39
Franklin	1	30	N.D.	2	53	7.07
Gulf	1	52	N.D.	1	35	3.35
Okaloosa	4	438	N.D.	4	411	4.29
Santa Rosa	2	205	N.D.	2	152	3.44
Walton	1	50	N.D.	1	50	2.95
Region	16	2,265	N.D.	18	2,158	N.D.
Florida	222	44,211	N.D.	214	39,394	5.02

Table SER 7. Licensed general hospitals<sup>a</sup>, number of beds and total number of beds per 1000 population for FY 1977-78, FY 1978-79 and FY 1979-80 (Florida statistical abstract 1978, 1979, 1980).

County	FY 1977-78			FY 1978-79		
	Hospitals	Beds	Number of beds per 1000 population	Hospitals	Beds	Number of beds per 1000 population
Bay	2	384	4.02	2	384	3.94
Escambia	5	1,364	5.94	5	1,370	5.93
Franklin	1	26	3.20	1	26	3.10
Gulf	1	45	4.07	1	45	4.06
Okaloosa	4	452	4.23	4	452	4.11
Santa Rosa	2	205	4.10	2	205	4.08
Walton	1	50	2.63	1	50	2.62
Region	16	2,526	N.D.	16	2,532	N.D.
Florida	214	48,156	5.52	296	49,294	5.50

Continued

Table SER 7. Concluded.

County	FY 1979-80		
	Hospitals	Beds	Number of beds per 1000 population
Bay	2	384	3.94
Escambia	5	1,370	5.87
Franklin	1	29	3.45
Gulf	1	45	4.04
Okaloosa	4	471	4.21
Santa Rosa	2	205	4.06
Walton	1	50	2.60
Region	16	2,554	N.D.
Florida	215	50,347	5.45

<sup>a</sup> Includes general hospitals without obstetrics, but excludes all special hospitals.

Table SER 8. Aid (\$) to families with dependent children (AFDC) in 1960-61 (Florida Department of Public Welfare 1962).

County	June 1961	
	Families	Total direct assistance (\$)
Bay	375	267,283.00
Escambia	1,704	1,151,185.00
Franklin	48	31,809.00
Gulf	91	63,661.00
Okaloosa	286	179,710.00
Santa Rosa	233	161,395.00
Walton	271	191,840.00
Region	3,008	2,046,883.00
Florida	23,873	1,929,398.00

Table SER 9. Aid (\$) to families with dependent children (AFDC) in 1968-69 (Florida Department of Health and Rehabilitative Services ca. 1969).

County	Average per month as of June 1969			Total direct assistance (\$)
	Families	Children	Persons	
Bay	466	1,382	1,780	418,779.00
Escambia	2,158	6,295	7,934	1,924,316.00
Franklin	49	137	171	41,059.00
Gulf	127	373	462	114,499.00
Okaloosa	329	978	1,205	281,496.00
Santa Rosa	291	781	986	279,203.00
Walton	219	643	784	211,299.00
Region	3,639	10,589	13,322	3,270,651.00
Florida	43,246	134,568	169,689	43,016,402.00



Table SER 10. Aid (\$) to families with dependent children (AFDC) in 1975-76 (Florida Department of Health and Rehabilitative Services ca. 1976).

County	AFDC			
	Average per month			Total direct assistance (\$)
	Families	Children	Persons	
Bay	713	1,626	2,184	1,022,760.00
Escambia	3,336	7,299	9,910	4,878,684.00
Franklin	120	275	365	158,380.00
Gulf	210	446	590	283,804.00
Okaloosa	586	1,341	1,781	827,337.00
Santa Rosa	433	976	1,311	623,064.00
Walton	230	513	673	297,344.00
Region	5,628	12,476	16,814	8,091,373.00
Florida	78,093	181,790	243,404	116,582,474.00

County	Food stamps		
	Total in June		Total value (\$)
	H.H. <sup>a</sup>	Persons	
Bay	2,275	7,391	3,365,726.00
Escambia	6,301	20,755	9,547,749.00
Franklin	278	804	382,532.00
Gulf	476	1,532	734,252.00
Okaloosa	1,946	6,136	2,941,582.00
Santa Rosa	1,293	3,994	1,989,438.00
Walton	747	2,195	1,060,991.00
Region	13,316	42,807	20,022,270.00
Florida	250,127	768,502	378,336,307.00

<sup>a</sup> Head of household.

Table SER 11. Aid (\$) to families with dependent children (AFDC) in 1978-79 (Florida Department of Health and Rehabilitative Services ca. 1979).

County	AFDC			
	Average per month			Total direct assistance(\$)
	Families	Children	Persons	
Bay	798	1,631	2,235	1,330,813.00
Escambia	3,571	6,954	9,726	6,004,096.00
Franklin	157	325	433	236,379.00
Gulf	238	439	596	367,455.00
Okaloosa	741	1,495	2,067	1,176,351.00
Santa Rosa	446	875	1,231	726,247.00
Walton	259	521	703	414,234.00
Region	6,210	12,240	16,991	10,255,575.00
Florida	80,899	167,433	229,675	137,817,199.00

County	Food stamps		
	Total in June		Total value (\$)
	H.H. <sup>a</sup>	Persons	
Bay	3,075	9,031	3,050,610.00
Escambia	7,916	23,792	8,394,089.00
Franklin	445	1,292	345,144.00
Gulf	533	1,618	578,040.00
Okaloosa	2,479	7,289	2,420,710.00
Santa Rosa	1,724	4,935	1,665,137.00
Walton	872	2,399	771,764.00
Region	17,044	50,356	17,225,494.00
Florida	276,534	758,645	285,154,625.00

a Head of household.

AGRICULTURAL PRODUCTION (AGR)

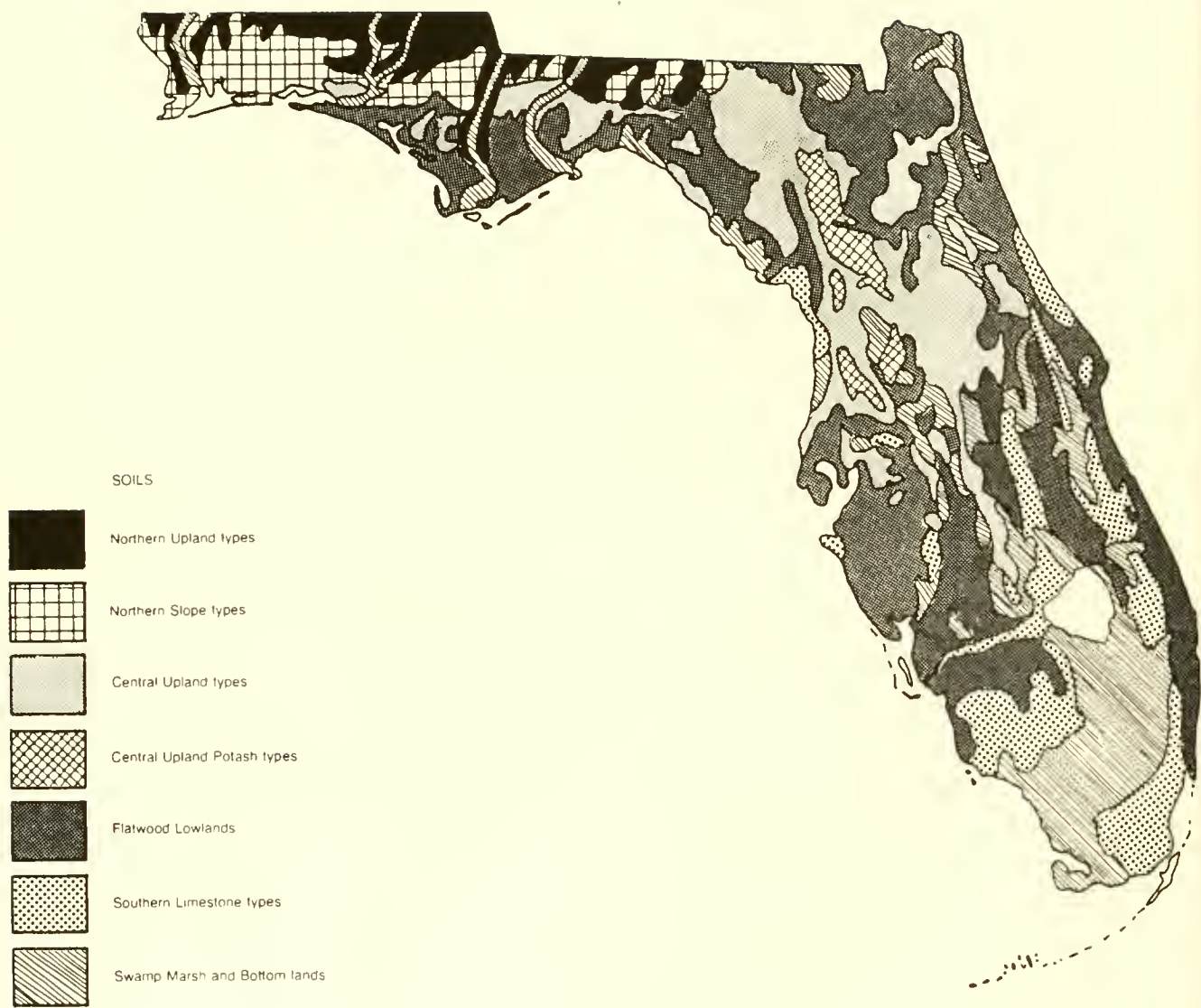


Figure 6. General soils map of Florida (Raisz 1964).

Table AGR 1. Total number of farms for 1954, 1959, 1964, 1969, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964	1969	1974	1978
Bay	264	180	139	89	75	93
Escambia	1,334	782	642	577	494	525
Franklin	36	27	15	8	6	N.D.
Gulf	98	68	63	50	31	42
Okaloosa	863	598	447	385	407	387
Santa Rosa	1,202	846	624	587	527	491
Walton	1,214	755	741	526	412	488
Region	5,011	3,256	2,671	2,222	1,952	2,406
Florida	57,543	45,100	40,542	35,586	32,466	44,165

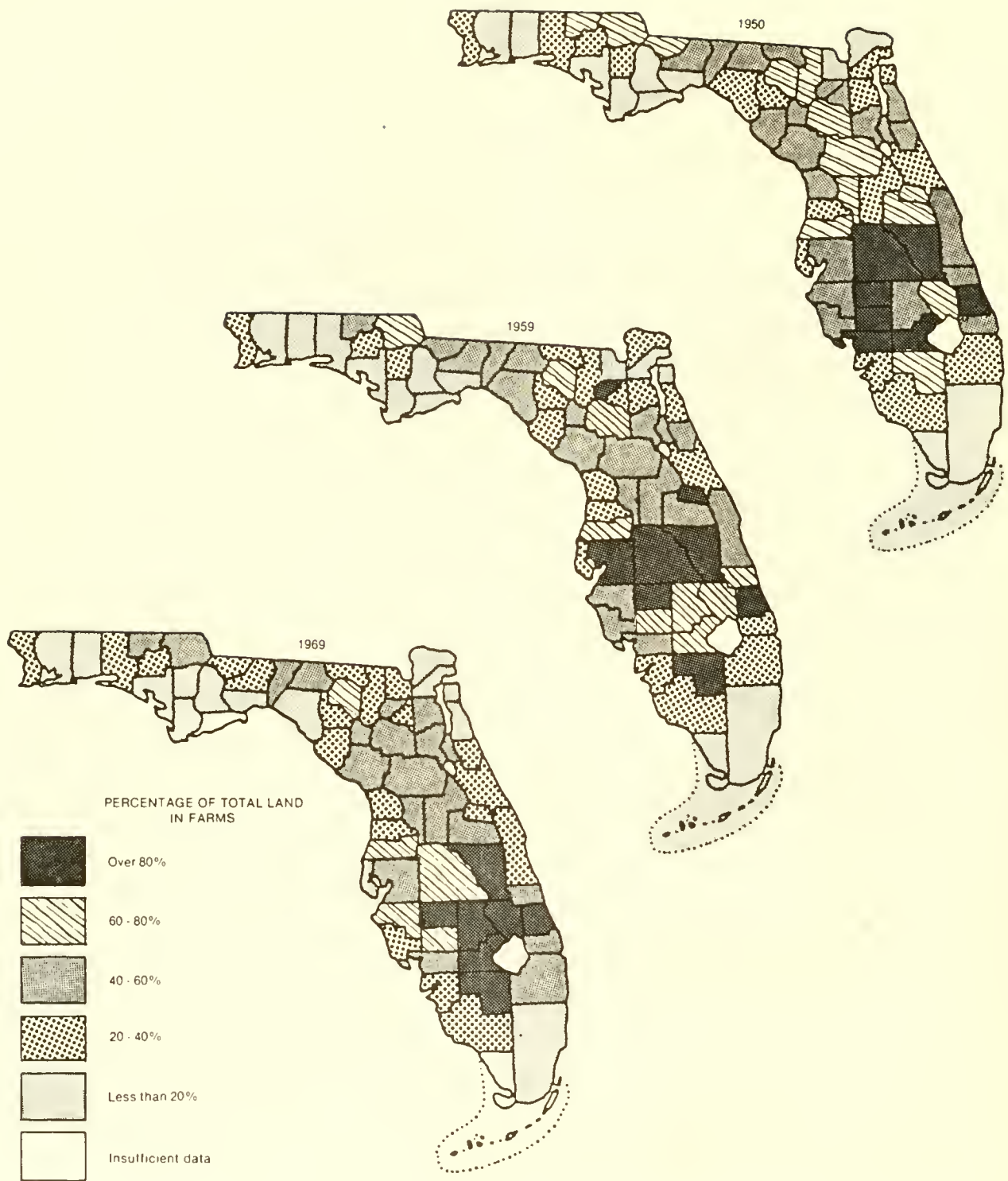


Figure 7. Changes in percentage of land in farms for 1950, 1959, and 1969 (Wood and Fernald 1974).

Table AGR 2. Total farm acreage<sup>a</sup> for 1954, 1959, 1964, 1969, 1974 and 1978 (U.S Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964	1969	1974	1978
Bay	44,182	30,635	32,932	21,502	18,155	19,727
Escambia	156,900	136,027	126,707	108,289	89,844	76,791
Franklin	23,484	17,274	18,112	3,943	270	N.D.
Gulf	43,928	30,279	1,760	14,105	59,867	46,366
Okaloosa	103,804	78,762	85,455	75,981	87,422	77,909
Santa Rosa	120,982	110,682	99,147	107,699	95,249	96,713
Walton	166,554	125,292	122,965	146,940	118,241	124,985
Region	659,834	528,951	487,078	478,459	469,048	442,491
Florida	18,169,377	15,236,521	15,411,181	14,031,998	13,199,365	13,434,730

<sup>a</sup> Data is based on county location of farm headquarters and may include acreage from adjoining counties.



Table AGR 3. Average number of acres per farm for 1954, 1959, 1964, 1969, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964	1969	1974	1978
Bay	167.4	170.2	236.9	241.5	242.0	212.0
Escambia	117.6	173.9	197.4	187.6	182.0	146.0
Franklin	652.3	639.8	1,207.5	492.8	45.0	N.D.
Gulf	448.2	445.3	123.2	282.1	1,931.0	1,404.0
Okaloosa	120.3	131.7	191.2	197.3	215.0	201.0
Santa Rosa	100.7	130.8	158.9	183.4	181.0	197.0
Walton	137.2	165.9	165.9	279.3	287.0	256.0
Region	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Florida	315.6	337.8	380.1	394.3	407.0	804.0



Table AGR 4. Total farm production expenses (\$) for 1969<sup>a</sup> and 1974  
(U.S. Department of Commerce 1957a, 1960, 1967a, 1969, 1972a, 1977a, 1981a)

County	1969	1974
Bay	777,077	1,091,000
Escambia	5,916,206	9,218,000
Franklin	N.D.	27,000
Gulf	269,389	2,098,000
Okaloosa	2,372,790	7,382,000
Santa Rosa	5,322,918	11,041,000
Walton	5,767,560	10,592,000
Region	20,425,940	41,449,000
Florida	997,989,436	1,552,211,000

<sup>a</sup> No data prior to 1969 and for 1978.

Table AGR 5. Total value (\$) of feed purchased for 1954, 1959, 1964, 1969, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964	1969	1974	1978
Bay	282,950	236,975	219,858	115,818	4,003,000	227,000
Escambia	682,933	806,460	652,592	1,026,397	1,685,000	2,236,000
Franklin	19,975	22,985	70,130	N.D.	1,000	N.D.
Gulf	34,770	44,030	41,649	16,062	144,000	127,000
Okaloosa	174,533	155,071	173,733	216,413	1,809,000	3,191,000
Santa Rosa	419,040	582,500	386,655	356,376	781,000	1,873,000
Walton	562,514	618,775	710,679	898,093	2,311,000	7,959,000
Region	2,176,715	2,466,796	2,255,296	2,629,159	10,734,000	15,613,000
Florida	45,444,448	70,391,118	89,765,169	133,609,742	272,748,000	348,176,000

Table AGR 6. Total value (\$) of seeds, bulbs, plants and trees purchased for 1959<sup>a</sup>, 1964, 1969, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1959	1964	1969	1974	1978
Bay	7,390	5,309	27,954	58,000	122,000
Escambia	103,290	154,917	199,219	511,000	662,000
Franklin	200	50	N.D.	N.D.	N.D.
Gulf	4,085	1,962	14,948	172,000	137,000
Okaloosa	20,875	128,420	130,475	292,000	270,000
Santa Rosa	157,095	262,878	348,173	715,000	967,000
Walton	24,580	63,516	261,219	394,000	600,000
Region	317,515	617,052	981,988	2,142,000	2,758,000
Florida	13,146,527	17,256,190	17,463,161	36,780,000	70,137,000

<sup>a</sup> No data prior to 1959.

Table AGR 7. Total value (\$) of commercial fertilizer purchased for 1954, 1959<sup>a</sup>, 1964, 1969, 1974 and 1978 (U.S. Department of Commerce 1957a, 1967a, 1972a, 1977a, 1981a).

County	1954	1964	1969	1974	1978
Bay	60,594	80,470	105,380	122,000	221,000
Escambia	367,125	539,057	975,584	1,638,000	1,469,000
Franklin	3,230	2,510	N.D.	N.D.	N.D.
Gulf	13,770	18,591	42,282	376,000	392,000
Okaloosa	176,982	480,271	527,207	1,076,000	1,350,000
Santa Rosa	444,183	713,293	1,081,391	2,428,000	2,127,000
Walton	259,143	357,198	1,046,702	1,501,000	2,198,000
Region	1,325,027	2,191,390	3,778,546	7,141,000	7,757,000
Florida	51,792,716	84,570,575	96,919,736	150,066,000	178,354,000

<sup>a</sup> No data for 1959.

Table AGR 8. Total farm production expenses (\$) for agricultural chemicals for 1969, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1969	1974	1978
Bay	14,540	84,000	98,000
Escambia	131,309	269,000	510,000
Franklin	N.D.	N.D.	N.D.
Gulf	7,859	116,000	185,000
Okaloosa	74,640	234,000	483,000
Santa Rosa	432,410	2,778,000	1,105,000
Walton	153,199	534,000	946,000
Region	813,957	4,015,000	3,327,000
Florida	43,947,836	68,062,000	108,784,000

<sup>a</sup> No data prior to 1969.

Table AGR 9. Total farm production expenses (\$) for gas, oil and fuel for 1954, 1959, 1964, 1969, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964	1969	1974	1978
Bay	29,470	40,045	29,323	29,888	52,000	86,000
Escambia	166,572	154,436	187,290	308,541	459,000	695,000
Franklin	7,011	1,500	6,325	N.D.	4,000	N.D.
Gulf	8,820	8,930	17,290	21,991	122,000	135,000
Okaloosa	140,670	67,217	128,856	157,262	262,000	382,000
Santa Rosa	200,392	231,725	300,338	311,261	550,000	873,000
Walton	108,025	127,735	159,994	234,256	357,000	870,000
Region	660,960	631,588	829,416	1,063,199	1,806,000	3,041,000
Florida	15,074,427	18,914,709	26,860,948	30,508,291	45,029,000	83,837,000

Table AGR 10. Average value (\$) of agricultural products sold per farm for 1959<sup>a</sup>, 1964, 1969, 1974 and 1978 (U. S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1959	1964	1969	1974 <sup>b</sup>	1978 <sup>b</sup>
Bay	3,754	4,335	5,091	22,080	13,460
Escambia	4,539	7,037	11,263	25,225	20,086
Franklin	1,676	4,715	N.D.	5,000	N.D.
Gulf	1,235	1,739	5,162	43,710	55,904
Okaloosa	1,855	3,783	6,044	22,229	20,200
Santa Rosa	3,794	7,570	9,881	25,852	30,008
Walton	2,476	3,142	9,363	32,053	37,411
Region	N.D.	N.D.	N.D.	N.D.	N.D.
Florida	15,566	23,532	31,812	58,481	69,691

<sup>a</sup> No data prior to 1959.

<sup>b</sup> Includes sale of forest products.

Table AGR 11. Total value (\$) of agricultural land and buildings for 1969<sup>a</sup>, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1969	1974	1978
Bay	4,345,631	9,380,000	12,270,048
Escambia	30,145,370	52,850,000	71,043,525
Franklin	N.D.	N.D.	N.D.
Gulf	2,315,023	29,814,000	22,808,184
Okaloosa	15,509,291	37,947,000	53,152,128
Santa Rosa	26,515,418	59,093,000	87,425,496
Walton	25,425,859	51,491,000	79,955,872
Region	104,256,592	240,575,000	326,655,253
Florida	4,975,566,285	9,041,111,000	15,528,837,000

<sup>a</sup> No data prior to 1969.



Table AGR 12. Average value (\$) per farm of all agricultural land and buildings for 1954, 1959, 1964, 1969, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964	1969	1974	1978
Bay	11,139	24,883	52,211	48,827	125,064	131,936
Escambia	10,764	22,262	36,061	52,245	106,984	135,321
Franklin	9,844	33,516	62,533	N.D.	26,660	N.D.
Gulf	14,241	25,987	13,928	46,300	961,751	843,052
Okaloosa	6,282	12,585	29,219	40,283	93,236	137,344
Santa Rosa	8,435	20,819	37,526	45,171	112,131	178,056
Walton	5,785	10,433	16,258	48,338	124,979	163,844
Region	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Florida	28,447	63,040	109,053	139,818	278,479	351,836

Table AGR 13. Average value (\$) per acre of all agricultural land and buildings for 1954, 1959, 1964, 1969, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964	1969	1974	1978
Bay	71.88	151.39	210.98	202.00	517.00	622.00
Escambia	100.55	158.85	198.14	278.00	588.00	806.00
Franklin	17.15	68.27	53.65	N.D.	592.00	N.D.
Gulf	33.89	60.68	120.32	164.00	498.00	492.00
Okaloosa	54.93	103.50	150.45	204.00	434.00	640.00
Santa Rosa	66.32	171.53	235.27	246.00	620.00	889.00
Walton	43.49	69.87	98.03	173.00	435.00	601.00
Region	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Florida	114.45	223.86	285.71	355.00	685.00	1,143.00

Table AGR 14. Total value (\$) of all crops sold for 1954, 1959, 1964, 1969, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964	1969	1974	1978
Bay	105,420	259,830	208,910	210,124	1,075,000	825,000
Escambia	972,261	1,304,525	2,429,676	3,136,270	8,223,000	7,242,000
Franklin	1,910	22,172	2,501	N.D.	3,000	N.D.
Gulf	8,279	41,581	22,498	177,625	1,108,000	1,757,000
Okaloosa	460,197	313,037	1,040,057	5,704,209	3,865,000	4,275,000
Santa Rosa	1,683,633	1,527,616	3,473,367	4,260,265	11,062,000	11,439,000
Walton	718,395	514,319	827,250	2,368,903	7,107,000	6,128,000
Region	3,950,095	3,983,080	8,004,259	15,857,396	32,443,000	31,666,000
Florida	355,235,305	519,230,094	727,983,351	731,733,327	1,298,800,000	2,187,336,000

Table AGR 15. Agricultural production (bushels) of corn harvested for grain or seed for 1954, 1959, 1964, 1969, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964	1969	1974	1978
Bay	5,739	5,528	4,914	5,616	6,880	10,603
Escambia	138,875	133,772	92,421	261,939	678,666	738,475
Franklin	30	20	0	0	200	0 <sup>a</sup>
Gulf	5,644	3,570	8,215	12,188	41,830	0 <sup>a</sup>
Okaloosa	108,315	113,751	120,985	146,803	175,334	220,011
Santa Rosa	294,252	413,214	226,892	350,472	333,197	665,636
Walton	181,030	176,550	210,735	433,347	126,966	150,740
Region	733,885	846,405	664,162	1,260,910	1,363,073	1,785,465
Florida	5,277,243	7,385,428	8,782,739	11,105,147	14,015,112	15,674,493

<sup>a</sup> Data withheld to avoid disclosure of individual farms.

Table AGR 16. Total acres of corn harvested for all purposes for 1954, 1959, 1964, 1969, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964	1969	1974	1978
Bay	573	344	240	1,466	295	319
Escambia	7,503	5,923	3,115	7,275	11,015	7,824
Franklin	2	1	0	0	8	0 <sup>a</sup>
Gulf	412	277	396	248	937	0 <sup>a</sup>
Okaloosa	10,601	31	5,317	4,309	4,676	3,860
Santa Rosa	22,325	19,521	9,022	8,433	7,589	9,210
Walton	17,019	15,468	612	12,590	4,829	2,887
Region	58,435	41,565	18,702	34,321	29,349	24,100
Florida	531,714	493,118	409,012	331,539	322,862	371,240

<sup>a</sup> Data withheld to avoid disclosure of individual farms.

Table AGR 17. Agricultural production (bushels) of wheat harvested for grain for 1959<sup>a</sup>, 1964, 1969, and 1974 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1959	1964	1969	1974
Bay	0	0	0	0
Escambia	99,769	313,774	270,478	91,107
Franklin	0	0	0	0
Gulf	0	0	3,608	345
Okaloosa	11,477	122,872	63,103	14,651
Santa Rosa	8,620	185,220	50,992	30,413
Walton	400	19,989	213,258	32,263
Region	120,266	641,855	597,831	168,779
Florida	170,113	765,202	923,315	201,432

<sup>a</sup> No data prior to 1959 and for 1978.

Table AGR 18. Agricultural production (bushels) of soybeans harvested for beans for 1954, 1959, 1964, 1969, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964	1969	1974	1978
Bay	0	0	1,300	31,021	141,472	0 <sup>a</sup>
Escambia	83,620	324,243	568,352	899,392	830,367	726,928
Franklin	0	0	0	0	0	0
Gulf	0	0	0	67,597	152,292	278,305
Okaloosa	0	51,524	213,415	473,408	427,825	535,476
Santa Rosa	9,737	135,686	424,942	672,569	735,602	915,473
Walton	2,314	2,225	73,824	524,846	812,070	843,389
Region	95,671	513,678	1,280,534	2,637,843	2,958,297	3,299,571
Florida	160,138	707,117	1,553,908	3,577,841	5,522,668	8,044,136

<sup>a</sup> Data withheld to avoid disclosure of individual farms.

Table AGR 19. Agricultural production (lb) of peanuts harvested for 1954, 1959, 1964, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964	1969	1974	1978
Bay	550	9,050	30,085	0	2,347	D <sup>a</sup>
Escambia	65,700	1,440	6,774	37,524	87,000	0
Franklin	0	0	0	0	0	0
Gulf	0	0	0	0	0	0
Okaloosa	981,500	457,173	824,429	1,548,499	1,975,552	1,063,326
Santa Rosa	4,342,422	4,768,972	9,472,824	10,787,480	15,922,303	15,795,277
Walton	1,394,251	794,600	1,360,105	1,734,944	4,449,567	3,967,270
Region	6,784,423	6,031,235	11,694,217	14,108,447	22,436,769	20,825,873
Florida	39,111,367	44,897,747	70,402,132	81,412,953	132,136,119	155,006,032

<sup>a</sup> Data withheld to avoid disclosure of individual farms.



Table AGR 20. Agricultural production (bales) of cotton harvested for 1954, 1959, 1964, 1969 and 1974<sup>a</sup> (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964	1969	1974
Bay	30	0	0	0	0
Escambia	1,356	580	606	402	123
Franklin	0	0	0	0	0
Gulf	0	0	0	0	0
Okaloosa	1,340	435	283	234	5
Santa Rosa	5,026	3,294	5,638	7,935	11,794
Walton	2,099	690	757	121	40
Region	9,851	4,999	7,284	8,692	11,962
Florida	24,519	13,665	16,177	9,812	13,044

<sup>a</sup> No data for 1978.

Table AGR 21. Agricultural production (gal) of sugarcane harvested for syrup<sup>a</sup> for 1954, 1959 and 1964<sup>b</sup> (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964
Bay	1,391	538	0
Escambia	3,187	1,140	419
Franklin	350	0	28
Gulf	580	1,766	0
Okaloosa	1,701	1,608	1,737
Santa Rosa	964	2,482	1,869
Walton	4,880	1,219	513
Region	13,053	8,753	4,566
Florida	324,773	333,277	235,300

<sup>a</sup> Data for sugarcane harvested for sugar or seed are not applicable since the counties of production are not included in the study area.

<sup>b</sup> No data after 1964.

Table AGR 22. Agricultural production (bushels) of sweetpotatoes harvested for 1954, 1959 and 1964<sup>a</sup> (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964
Bay	962	740	20
Escambia	4,755	1,753	4,824
Franklin	90	0	1
Gulf	911	320	0
Okaloosa	4,021	1,789	710
Santa Rosa	1,388	863	738
Walton	6,764	1,219	532
Region	18,891	6,684	6,825
Florida	234,352	205,415	119,922

<sup>a</sup> No data after 1964.

Table AGR 23. Total value (\$) of field crops statewide, excluding vegetables, fruits and nuts for 1955, 1960, 1965, 1970, 1975 and 1979 (Florida Department of Agriculture, Division of Marketing ca. 1967, ca. 1977, ca. 1979c).

Crop	1955	1960	1965	1970	1975	1979
Corn	7,907,000	9,971,000	18,586,000	11,276,000	45,563,000	54,378,000
Cotton	4,185,000	2,583,000	1,955,000	883,000	713,000	1,248,000
Hay, all	4,000,000	5,179,000	7,022,000	8,866,000	21,816,000	28,899,000
Hay, peanut	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Oats	737,000	417,000	385,000	367,000	689,000	N.D.
Peanuts	6,793,000	4,991,000	8,964,000	14,297,000	35,352,000	37,769,000
Soybeans	1,398,000	1,750,000	4,948,000	14,941,000	29,674,000	86,704,000
Sugarcane	9,229,000	13,420,000	47,699,000	70,282,000	208,276,000	N.D.
Sweet potatoes	1,074,000	482,000	449,000	N.D.	N.D.	N.D.
Tobacco Type 14	13,656,000	12,590,000	13,334,000	18,560,000	27,641,000	30,240,000
Tobacco Type 45	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Tobacco Type 56	N.D.	N.D.	N.D.	N.D.	N.D.	N.D. <sup>a</sup>
Tobacco Type 62	9,957,000	14,700,000	14,202,000	11,718,000	6,060,000	N.D.
Wheat	N.D.	N.D.	759,000	1,473,000	1,008,000	N.D.

<sup>a</sup> Planting discontinued after 1977.

Table AGR 24. Total statewide acreage of field crops for 1955, 1960, 1965, 1970, 1975 and 1979 (Florida Department of Agriculture, Division of Marketing ca. 1967, ca. 1977, ca. 1979c).

Crop	1955	1960	1965	1970	1975	1979
Corn (grain)	353,000	307,000	455,000	291,000	375,000	360,000
Wheat	N.D.	26,000	23,000	38,000	375,000	N.D.
Hay, all	119,000	109,000	143,000	166,000	207,000	235,000
Oats	32,000	14,000	11,000	12,000	12,000	N.D.
Cotton	33,500	24,500	22,000	8,200	3,700	3,400
Soybeans	31,000	33,000	78,000	184,000	281,000	453,000
Peanuts	60,000	47,000	50,000	53,000	55,000	55,000
Sugarcane for sugar and seed	35,900	50,700	190,800	178,400	298,000	330,800
Tobacco type 14 <sup>a</sup>	21,100	13,800	10,700	12,200	13,500	10,000
Tobacco type 62 <sup>a</sup>	3,900	4,900	4,800	2,800	990	N.D.
Tobacco shade GA & FL <sup>a</sup>	N.D.	N.D.	N.D.	3,600	1,100	N.D.
Sweet potatoes	3,200	2,000	1,200	N.D.	N.D.	N.D.

<sup>a</sup> Planting discontinued after 1977.

Table AGR 25. Agricultural production (tons) of hay harvested for 1964<sup>a</sup>, 1969, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a)

County	1964	1969	1974	1978
Bay	336	385	169	2,105
Escambia	3,914	5,331	5,837	6,769
Franklin	0	0	0	0
Gulf	40	43	520	1,033
Okaloosa	2,760	2,057	7,365	10,209
Santa Rosa	1,847	2,609	2,686	4,096
Walton	2,988	2,384	4,790	7,399
Region	11,885	12,809	21,367	31,611
Florida	248,565	312,286	433,665	675,688

<sup>a</sup> No data prior to 1964.

Table AGR 26. Total value (\$) of all poultry, livestock and related products for 1954, 1959, 1964, 1969, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964	1969	1974	1978
Bay	389,882	434,748	392,342	225,716	247,000	D <sup>a</sup>
Escambia	1,284,350	2,167,600	2,086,517	3,199,830	3,925,000	3,308,000
Franklin	65,765	31,469	67,697	N. D.	28,000	D
Gulf	57,189	57,208	86,959	72,551	193,000	D
Okaloosa	1,257,643	722,046	645,503	729,814	5,083,000	3,542,000
Santa Rosa	934,160	1,860,140	1,248,675	1,465,241	2,452,000	D
Walton	949,567	1,392,126	1,497,068	2,480,960	5,914,000	12,128,000
Region	4,938,556	6,665,337	6,024,761	8,174,112	17,842,000	18,978,000
Florida	107,374,604	181,246,123	225,226,685	395,241,624	588,771,000	890,545,000

<sup>a</sup> Data withheld to avoid disclosure of individual farms.

Table AGR 27. Total value (\$) of livestock and poultry purchased for 1959<sup>a</sup>, 1964, 1969 and 1974 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1959	1964	1969	1974	1978
Bay	43,500	63,574	39,302	10,000	100,000
Escambia	316,375	318,158	714,303	429,000	509,000
Franklin	300	35,200	0	2,000	0
Gulf	17,710	2,030	8,719	436,000	14,000
Okaloosa	316,047	100,133	226,442	1,346,000	699,000
Santa Rosa	363,515	410,077	272,580	372,000	526,000
Walton	188,780	315,023	395,753	1,773,000	4,079,000
Region	1,246,227	1,244,195	1,657,099	4,368,000	5,927,000
Florida	35,477,619	40,236,113	88,609,036	101,193,000	162,470,000

<sup>a</sup> No data prior to 1959.



Table AGR 28. Total number of chickens for 1954, 1959, 1964, 1969, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954 <sup>a</sup>	1959 <sup>a</sup>	1964 <sup>a</sup>	1969 <sup>b</sup>	1974 <sup>b</sup>	1978 <sup>b</sup>
Bay	16,636	23,388	16,019	9,695	247	418
Escambia	41,146	85,650	81,562	138,722 <sup>c</sup>	69,766	3,474
Franklin	4,219	1,558	2,366	D	N.D.	N.D. <sup>d</sup>
Gulf	2,193	2,398	321	28	34	N.A.
Okaloosa	30,087	32,105	20,831	11,805	31,344	5,174
Santa Rosa	38,178	43,542	30,798	29,506	D	N.A.
Walton	30,748	28,435	26,548	30,689	24,970	2,025
Region	163,207	217,076	178,445	220,445	126,361	11,091
Florida	3,222,931	4,917,932	8,565,985	16,118,240	14,401,528	15,181,911

<sup>a</sup> Data for chickens four months old and older.

<sup>b</sup> Data for chickens three months old or older.

<sup>c</sup> Data withheld to avoid disclosure of individual farms.

<sup>d</sup> Effect of definition change renders 1978 data incomparable to previous data.

Table AGR 29. Total number of turkeys for breeding for 1954, 1959 and 1964<sup>a</sup> (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964
Bay	101	191	8
Escambia	415	146	85
Franklin	12	0	2
Gulf	37	16	14
Okaloosa	169	150	39
Santa Rosa	278	145	77
Walton	153	77	77
Region	1,165	725	302
Florida	14,086	17,918	10,879

<sup>a</sup> No data after 1964.

Table AGR 30. Poultry raised for consumption for 1969 and 1974<sup>a</sup> (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1969	1974
Bay	0	10
Escambia	0	134
Franklin	0	0
Gulf	0	0
Okaloosa	0 <sup>b</sup>	333,035
Santa Rosa	0	95
Walton	1,085,140	560,957
Region	1,085,140	894,231
Florida	33,079,286	9,235,674

<sup>a</sup> No data prior to 1969 and for 1978.

<sup>b</sup> Data withheld to avoid disclosure of individual farms.

Table AGR 31. Total number of cattle and calves for 1954, 1959, 1964, 1969, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964	1969	1974	1978
Bay	3,444	2,434	2,142	1,017	821	877
Escambia	14,273	12,162	12,766	13,408	13,503	9,023
Franklin	1,058	563	413	N.D.	15	N.D.
Gulf	1,430	697	761	763	6,379	4,050
Okaloosa	9,209	7,359	9,412	7,271	13,460	11,574
Santa Rosa	14,697	13,699	13,546	10,137	12,226	8,994
Walton	11,950	10,627	13,785	11,258	15,618	15,683
Region	56,061	47,541	52,825	43,854	62,022	50,201
Florida	1,654,782	1,500,642	1,822,050	1,983,648	2,367,108	2,262,512

Table AGR 32. Statewide livestock inventory for 1960, 1965, 1970, 1975 and 1979 (Florida Department of Agriculture, Division of Marketing ca. 1979d).

Livestock	1960	1965	1970	1975	1979
Number of cows kept for milk	340,000	231,000	250,000	282,000	258,000
Number of cows kept for beef	1,289,000	1,661,000	1,577,000	2,641,000	1,953,000
Number of hogs kept for breeding	N.D.	N.D.	N.D.	N.D.	850,000
Number of hogs kept for market	N.D.	N.D.	N.D.	N.D.	350,000

Table AGR 33. Statewide<sup>a</sup> milk production (million pounds) for 1956, 1960, 1965, 1970, 1975 and 1979 (Florida Department of Agriculture, Division of Marketing ca. 1979b).

Product	1956	1960	1965	1970	1975	1979
Milk	1,002	1,306	1,390	1,641	1,956	1,966

<sup>a</sup> No county data available.

Table AGR 34. Total number of beef and dairy cattle for 1954, 1959, 1964, 1969, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	Beef cattle		Dairy cattle					
	1974	1978	1954	1959	1964	1969	1974	1978
Bay	431	<sup>b</sup>	676	470	460	99	85	23
Escambia	5,378	2,870	4,273	3,257	2,387	2,341	2,403	1,811
Franklin	0	0	26	3	0	0	0	0
Gulf	4,593	0	213	82	36	2	2	0
Okaloosa	5,931	5,925	1,451	704	318	92	54	168
Santa Rosa	5,845	4,192	2,881	2,143	1,406	573	279	163
Walton	6,259	4,818	2,037	1,675	1,316	1,287	1,309	283
Region	28,437	17,805	11,557	8,334	5,923	4,394	4,132	2,448
Florida	1,179,789	1,164,157	158,877	180,582	176,289	182,493	198,732	204,161

<sup>a</sup> No data prior to 1974.

<sup>b</sup> Data withheld to avoid disclosure of individual farms.

Table AGR 35. Total number of hogs and pigs for 1954, 1959, 1964, 1969, 1974 and 1978 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964	1969	1974	1978
Bay	1,535	1,518	821	260	871	1,573
Escambia	5,672	6,120	2,030	2,709	1,667	1,560
Franklin	186	272	256	0	43	0
Gulf	923	922	271	331	379	365
Okaloosa	8,388	9,497	5,011	4,866	2,238	3,007
Santa Rosa	12,275	13,183	4,203	5,010	3,420	2,888
Walton	12,396	13,492	9,306	6,538	3,555	7,623
Region	41,375	45,004	21,898	19,714	12,173	17,016
Florida	419,725	422,959	298,103	282,795	196,283	N.D.

Table AGR 36. Total number of horses and mules for 1954, 1959, 1969, 1974 and 1978<sup>a</sup> (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1969	1974	1978
Bay	116	99	59	26	72
Escambia	504	343	296	280	355
Franklin	19	12	0	1	0
Gulf	51	39	29	24	29
Okaloosa	465	322	183	230	360
Santa Rosa	379	311	276	290	298
Walton	664	305	288	228	309
Region	2,198	1,431	1,131	1,079	1,423
Florida	34,048	26,543	34,250	29,531	51,410

<sup>a</sup> No data for 1964.

Table AGR 37. Total number of sheep and lambs for 1959, 1964, 1969, 1974 and 1978<sup>a</sup> (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a)

County	1959	1964	1969	1974	1978
Bay	12	60	1	0	0
Escambia	108	23	36 <sup>b</sup>	21	0
Franklin	0	0	0	0	0
Gulf	0	0	0	0	0
Okaloosa	230	90	8	5	0
Santa Rosa	95	218	463	1	0
Walton	48	29	2	0	0
Region	493	420	510	27	0
Florida	6,767	7,440	5,459	5,006	6,957

<sup>a</sup> No data for 1954.

<sup>b</sup> Data withheld to avoid disclosure of individual farms.

Table AGR 38. Statewide citrus acreage, yield and production value (\$) for crop years 1959-60, 1964-65, 1969-70, 1974-75 and 1978-79 (Florida Department of Agriculture, Division of Marketing ca. 1979a).

Crop and crop year	Bearing acreage	Yield per acre (boxes)	Production (\$)
Oranges, early and midseason			
1959-60	171,700	263	82,082,000
1964-65	211,000	202	109,464,000
1969-70	332,300	219	83,691,000
1974-75	314,800	307	140,792,000
1978-79	295,500	308	435,413,000
Oranges, late (Valencia)			
1959-60	198,300	214	87,975,000
1964-65	224,000	178	90,812,000
1969-70	303,800	213	73,185,000
1974-75	295,600	259	139,558,000
1978-79	276,000	264	385,132,000
Limes			
1959-60	3,300	97	883,000
1964-65	3,500	160	1,601,000
1969-70	3,900	186	2,983,000
1974-75	4,400	250	5,889,000
1978-79	4,800	150	8,948,000
Grapefruit			
1959-60	92,300	330	32,043,000
1964-65	84,000	380	46,892,000
1969-70	98,700	379	63,526,000
1974-75	115,400	389	76,367,000
1978-79	124,600	401	109,651,000
Templets			
1959-60	21,600	181	9,399,000
1964-65	16,000	238	10,599,000
1969-70	21,800	239	7,631,000
1974-75	21,900	242	8,893,000
1978-79	18,300	257	23,284,000
Tangelos			
1959-60	3,200	172	2,360,000
1964-65	6,100	164	4,004,000
1969-70	18,100	138	2,828,000
1974-75	18,900	249	6,833,000
1978-79	17,100	246	15,746,000

Continued



Table AGR 38. Concluded.

Crop and crop year	Bearing acreage	Yield per acre (boxes)	Production (\$)
Tangerines			
1959-60	17,800	152	6,993,000
1964-65	12,500	300	10,060,000
1969-70	18,600	161	6,697,000
1974-75	19,400	160	9,463,000
1978-79	15,900	220	15,457,000

Table AGR 39. Statewide number of colonies, production, and value of bees and honey for 1970, 1975 and 1979 (Florida Department of Agriculture, Division of Marketing ca. 1979d).

Bee products	1970	1975	1979
Colonies of bees	364,000	360,000	360,000
Honey yield (lb) per colony	69	68	78
Honey production (lb)	25,116,000	24,480,000	28,080,000
Honey production value (\$)	3,968,000	10,820,000	14,826,000
Beeswax production (lb)	452,000	343,000	337,000
Beeswax production value (\$)	289,000	326,000	573,000

Table AGR 40. Statewide citrus production (boxes) for 1954-55, 1959-60, 1964-65, 1969-70, 1974-75, 1978-79 (Florida Department of Agriculture, Division of Marketing ca. 1979a).

Crop	<u>Crop year</u> 1954-55	<u>Crop year</u> 1959-60	<u>Crop year</u> 1964-65	<u>Crop year</u> 1969-70	<u>Crop year</u> 1974-75	<u>Crop year</u> 1978-79
Oranges	85,900,000	87,600,000	82,400,000	137,700,000	173,300,000	164,000,000
Grapefruit	34,800,000	30,500,000	31,900,000	37,400,000	44,600,000	50,000,000
Other	7,998,000	7,470,000	9,350,000	13,915,000	17,830,000	16,190,000
Florida	138,698,000	125,570,000	123,650,000	189,015,000	235,730,000	230,190,000

Table AGR 41. Grapefruit harvested (field boxes) for 1954 and 1959<sup>a</sup> (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959
Bay	0	0
Escambia	0	2
Franklin	140	1,614
Gulf	31	37
Okaloosa	0	0
Santa Rosa	0	3
Walton	0	0
Region	171	1,656
Florida	38,720,314	30,935,536

<sup>a</sup> No data after 1964.

Table AGR 42. Citrus<sup>a</sup> harvested (field boxes) for 1954, 1959 and 1964<sup>b</sup> (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964
Bay	0	61	620
Escambia	10	7	0
Franklin	190	2,126	0
Gulf	11	161	0
Okaloosa	0	3	2
Santa Rosa	1	11	2,533
Walton	4	39	1,863
Region	216	2,408	5,018
Florida	90,897,897	83,194,590	63,977,017

<sup>a</sup> Includes oranges, tangerines and mandarins.

<sup>b</sup> No data after 1969.

Table AGR 43. Pecans harvested (lb) for 1954 and 1964<sup>a</sup> (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1964
Bay	566	3,300
Escambia	26,620	16,182
Franklin	0	375
Gulf	487	1,450
Okaloosa	4,460	8,107
Santa Rosa	18,925	36,271
Walton	7,609	260,618
Region	58,667	326,303
Florida	645,383	2,059,121

<sup>a</sup> No data for 1959, 1969, 1974 and 1978.

Table AGR 44. Statewide pecan production and average price per pound for crop years 1969, 1970, 1975 and 1979 (Florida Department of Agriculture, Division of Marketing 1979c).

Category	1969	1970	1975	1979
Total production (lb)	4,000,000	3,400,000	5,000,000	2,600,000
Season average price (¢/lb)	27.6	35.5	35.8	58.5

Table AGR 45. Peaches harvested (bushels) for 1954, 1959 and 1964<sup>a</sup> (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964
Bay	15	23	23
Escambia	101	160	201
Franklin	0	3	7
Gulf	0	0	2
Okaloosa	266	272	259
Santa Rosa	180	454	233
Walton	280	200	1,421
Region	842	1,112	2,146
Florida	5,653	26,784	63,010

<sup>a</sup> No data for 1969, 1974 and 1978.

Table AGR 46. Total value (\$) of all fruits and nuts sold for 1954, 1959 and 1964<sup>a</sup> (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964
Bay	52,327	176,649	90,274
Escambia	36,923	21,919	16,140
Franklin	462	10,197	216
Gulf	971	803	415
Okaloosa	4,412	3,140	30,196
Santa Rosa	21,221	45,415	42,592
Walton	69,644	209,533	135,745
Region	185,960	467,656	315,578
Florida	188,827,830	324,400,574	401,640,693

<sup>a</sup> No data for 1969, 1974 and 1978.

Table AGR 47. Total value (\$) of all vegetables sold for 1954, 1959 and 1964<sup>a</sup>  
(U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964
Bay	11,790	176,649	11,767
Escambia	38,424	24,547	49,137
Franklin	500	0	0
Gulf	937	100	100
Okaloosa	6,730	3,275	10,619
Santa Rosa	35,446	36,700	44,974
Walton	15,638	7,589	3,625
Region	109,465	248,860	120,222
Florida	78,267,235	81,909,617	146,093,506

<sup>a</sup> No data available for 1969, 1974 and 1978.

Table AGR 48. Statewide vegetable acreage, yield, production and value for crop years 1964-65, 1969-70, 1974-75 and 1978-79 (Florida Department of Agriculture, Division of Marketing 1979e).

Crop	Crop year			
	1964-65	1969-70	1974-75	1978-79
Snap beans				
acres planted	39,600	37,700	36,500	45,700
acres harvested	36,300	34,600	35,300	40,600
yield per acre/bushels	123	95	120	102
total production/bushels	4,461,000	3,297,000	4,243,000	4,140,000
value per bushel/dollars	3.43	5.09	6.14	7.58
total value	15,307,000	16,769,000	26,038,000	31,386,000
Cabbage				
acres planted	16,900	17,700	17,400	18,300
acres harvested	13,700	16,700	16,900	17,800
yield per acre/crates	311	330	532	472
total production/crates	4,266,000	5,515,000	8,989,000	8,408,000
value per crate/dollars	1.73	2.89	2.91	6.17
total value	7,393,000	15,960,000	26,115,000	51,967,000
Celery				
acres planted	11,700	12,900	11,500	12,300
acres harvested	11,600	11,300	10,600	11,700
yield per acre/crates	653	592	655	695
total production/crates	7,580,000	6,687,000	6,940,000	8,135,000
value per crate/dollars	2.57	3.73	3.73	6.78
total value	19,495,000	24,952,000	25,877,000	55,142,000
Strawberries				
acres planted	3,300	1,800	1,200	2,400
acres harvested	3,200	1,800	1,200	2,400
yield per acre/flats	780	780	1,610	1,561
total production/flats	2,498,000	1,405,000	1,932,000	3,746,000
value per flat/dollars	3.23	3.01	4.33	5.92
total value	8,064,000	4,234,000	8,375,000	22,157,000
Tomatoes				
acres planted	54,300	52,800	31,700	41,300
acres harvested	50,500	47,400	31,500	40,800
yield per acre/carton	480	326	855	817
total production/carton	24,227,000	15,460,000	26,930,000	33,340,000
value per carton/dollars	2.97	3.67	5.48	6.57
total value	73,566,000	57,822,000	148,709,000	220,216,000
Watermelons				
acres planted	63,000	50,000	47,000	50,000
acres harvested	60,000	47,500	43,600	43,000
yield per acre/cwt <sup>a</sup>	155	145	185	150
total production/cwt	9,300,000	6,888,000	8,066,000	6,450,000
value per cwt/dollars	2.05	2.55	4.36	5.00
total value	19,065,000	17,564,000	35,168,000	32,250,000

Continued

Table AG 48. Continued.

Crop	Crop year			
	1964-65	1969-70	1974-75	1978-79
Sweet corn				
acres planted	58,100	65,400	55,200	58,400
acres harvested	52,500	56,900	52,700	54,500
yield per acre/crates	164	165	227	222
total production/crates	8,626,000	9,388,000	11,988,000	12,112,000
value per crate/dollars	2.43	2.86	3.77	4.25
total value	20,986,000	26,868,000	45,141,000	51,423,000
Cucumbers				
acres planted	17,500	17,200	15,000	16,600
acres harvested	16,000	15,000	14,600	15,700
yield per acre/bushels	245	188	276	307
total production/bushels	3,923,000	2,827,000	4,025,000	4,823,000
value per crate/dollars	2.84	3.63	4.57	6.65
total value	11,143,000	10,249,000	18,404,000	32,050,000
Eggplant				
acres planted	2,700	2,050	2,200	3,100
acres harvested	2,500	2,000	2,150	2,800
yield per acre/bushels	464	376	692	585
total production/bushels	1,161,000	752,000	1,488,000	1,639,000
value per bushel/dollars	1.94	3.62	3.71	4.14
total value	2,250,000	2,722,000	5,521,000	6,784,000
Potatoes				
acres planted	41,800	37,700	27,600	30,700
acres harvested	41,200	36,700	27,500	28,000
yield per acre/cwt	148	162	194	215
total production/cwt	6,082,000	5,936,000	5,344,000	6,008,000
value per cwt/dollars	4.70	3.88	4.64	5.06
total value	28,604,000	23,055,000	24,813,000	30,435,000
Radishes				
acres planted	N.D.	32,000	31,000	33,600
acres harvested	N.D.	27,000	27,400	29,600
yield per acre/cartons	N.D.	200	300	340
total production/cartons	N.D.	5,400,000	8,220,000	10,067,000
value per cwt/dollars	N.D.	2.10	2.04	2.17
total value	N.D.	11,340,000	16,769,000	21,895,000
Squash				
acres planted	11,600	9,400	11,800	13,850
acres harvested	10,100	8,400	11,200	13,350
yield per acre/bushels	127	131	160	139
total production/bushels	1,281,000	1,103,000	1,792,000	1,860,000
value per bushels/dollars	3.59	5.08	6.14	7.51
total value	4,601,000	5,602,000	10,997,000	13,971,000

Continued



Table AG 48. Concluded.

Crop	Crop year			
	1964-65	1969-70	1974-75	1978-79
Escarole				
acres planted	8,600	8,100	7,000	7,100
acres harvested	7,800	6,600	5,700	6,500
yield per acre/crates	332	480	584	515
total production/crates	2,588,000	3,168,000	3,328,000	3,348,000
value per crate/dollars	1.38	1.72	2.61	4.05
total value	3,578,000	5,457,000	8,688,000	13,547,000
Lettuce				
acres planted	4,500	7,400	8,600	14,100
acres harvested	3,400	4,400	7,100	12,900
yield per acre/cwt	75	89	181	199
total production/cwt	255,000	392,000	1,287,000	2,562,000
value per cwt/dollars	7.40	7.64	8.95	18.75
total value	1,887,000	2,995,000	11,513,000	48,032,000
Green peppers				
acres planted	16,500	15,700	15,600	19,800
acres harvested	14,900	12,800	14,900	18,100
yield per acre/bushels	378	268	510	445
total production/bushels	5,628,000	3,432,000	7,604,000	8,056,000
value per bushel/dollars	2.84	5.58	4.96	6.13
total value	16,007,000	19,164,000	37,695,000	49,413,000

<sup>a</sup> Hundredweight.

Table AGR 49. Total value (\$) of all forest products sold for 1954, 1959, 1964, 1969 and 1974 (U.S. Department of Commerce 1957a, 1960, 1967a, 1972a, 1977a, 1981a).

County	1954	1959	1964	1969	1974
Bay	24,606	13,274	38,353	17,270	0
Escambia	58,075	186,941	133,311	162,789	313,000
Franklin	1,600	11,900	0	0	0
Gulf	12,131	32,333	13,264	7,945	0
Okaloosa	49,318	20,576	57,745	54,296	98,000
Santa Rosa	40,390	39,507	82,049	74,748	110,000
Walton	37,357	55,885	70,469	75,441	185,000
Region	223,477	360,416	395,191	392,489	706,000
Florida	3,506,042	6,080,216	4,398,916	5,099,176	11,087,000

Table AGR 50. Estimated county income (\$) from forest products for 1975 and 1978 (Florida Department of Agriculture, Division of Forestry 1977, 1980).

County	Stumpage value of harvest		Logging and primary manufacturing value added	
	1975	1978	1975	1978
Bay	1,216,700	2,128,700	174,204,700	D <sup>a</sup>
Escambia	1,001,300	919,600	102,738,200	161,294,300
Franklin	902,400	927,900	1,218,100	2,308,900
Gulf	207,300	655,200	121,727,800	D
Okaloosa	836,300	1,295,800	1,601,800	1,313,900
Santa Rosa	1,157,700	1,337,500	1,460,100	6,411,900
Walton	2,571,900	1,678,600	4,263,500	7,120,800
Region	7,893,600	8,943,300	407,214,200	178,449,800
Florida	56,186,600	92,074,800	1,280,630,300	1,909,440,500

County	Remanufacture and retail value added		Total forest products income	
	1975	1978	1975	1978
Bay	13,867,400	19,705,800	189,288,800	D
Escambia	33,685,200	47,856,900	137,424,600	210,070,800
Franklin	1,187,500	1,685,100	3,308,100	4,921,900
Gulf	1,634,500	2,314,400	123,569,600	D
Okaloosa	15,578,400	28,699,800	18,016,500	30,679,900
Santa Rosa	7,368,000	10,473,700	9,985,700	18,223,100
Walton	2,719,800	3,860,800	9,555,200	12,660,200
Region	76,040,800	114,596,500	491,148,500	276,555,900
Florida	1,276,895,700	1,847,959,100	2,613,712,600	3,849,474,000

<sup>a</sup> Data withheld to avoid disclosure of individual establishments.

Table AGR 51. Forest land (1,000 acres) in 1959 (Larson and Goforth 1961).

County	Total area <sup>a</sup>	Non-forest area		Forest land	
		Land	Water	Non commercial	Commercial
Bay	551.0	49.3	74.7	0.5	426.5
Escambia	484.5	122.0	68.6	2.5	291.4
Franklin	361.6	32.3	17.6	0.7	311.0
Gulf	369.9	22.1	18.8	1.4	327.6
Okaloosa	641.9	87.8	39.8	0	514.3
Santa Rosa	737.3	111.5	86.5	0	539.3
Walton	726.4	95.5	60.0	4.9	566.0
Region	3,872.6	520.5	366.0	10.0	2,976.1
Florida	37,478.5	12,997.7	3,465.0	1,430.0	19,585.8

<sup>a</sup> Gross area from Bureau of the Census 1950.

Table AGR 52. Ownership (1,000 acres) of commercial forest land in 1959 (Larson and Goforth 1961).

County	Total commercial	Public		Total	Private
		National forest	Other public		
Bay	426.5	0	27.3	27.3	399.2
Escambia	291.4	0	3.3	3.3	288.1
Franklin	311.0	21.0	0.9	21.9	289.1
Gulf	327.6	0	1.3	1.3	326.3
Okaloosa	514.3	0	279.3	279.3	235.0
Santa Rosa	539.3	0	187.5	187.5	351.8
Walton	566.0	0	140.8	140.8	425.2
Region	2,976.1	21.0	640.4	661.4	2,314.7
Florida <sup>a</sup>					

<sup>a</sup> Florida totals not available from this source.

Table AGR 53. Forest land (acres) in 1979 (Sheffield 1980).

County	All land	Forest land				Non-forest land
		Total	Commercial forest	Unproductive forest	Productive reserved	
Bay	493,392	423,722	421,111	2,030	581	69,670
Escambia	424,754	275,494	268,028	7,087	379	149,260
Franklin	350,738	316,998	313,812	2,440	746	33,740
Gulf	361,423	281,739	280,001	1,149	589	79,684
Okaloosa	598,961	471,489	470,230	627	632	127,472
Santa Rosa	653,397	500,681	500,356	0	325	152,716
Walton	683,559	544,768	541,959	2,633	176	138,791
Region	3,566,224	2,391,592	2,795,497	15,966	3,428	751,333
Florida <sup>a</sup>						

<sup>a</sup> Florida totals not available from this source.

Table AGR 54. Ownership (acres) of commercial forest land in 1979 (Sheffield 1980).

County	All ownerships	National forest	Miscellaneous federal	State	County and municipal
Bay	421,111	0	21,609	5,147	358
Escambia	268,028	0	3,017	855	88
Franklin	313,812	21,969	7,320	9,734	766
Gulf	280,001	0	464	15,773	35
Okaloosa	470,230	0	209,540	59,457	822
Santa Rosa	500,356	0	60,467	119,110	909
Walton	541,959	0	136,133	136	95
Region	2,795,497	21,969	438,550	210,212	3,073
Florida <sup>a</sup>					

County	Forest industry <sup>b</sup>	Farmer	Miscellaneous private	
			Corporate	Individual
Bay	249,761	3,434	78,984	61,818
Escambia	80,006	18,920	79,464	85,678
Franklin	247,665	2,412	2,512	21,334
Gulf	221,220	2,501	27,505	12,503
Okaloosa	44,358	13,304	19,957	122,792
Santa Rosa	166,743	25,943	31,713	95,471
Walton	127,200	68,551	46,900	162,944
Region	1,136,953	135,065	287,035	562,540

<sup>a</sup> Florida totals not available from this source.

<sup>b</sup> Not including 91,817 acres of farmer-owned and miscellaneous private lands leased to forest industry.

Table AGR 55. Area (acres) of commercial forest land by forest type group in 1979 (Sheffield 1980).

County	All type groups	Forest type group			
		White pine-hemlock	Spruce-fir	Longleaf-slash	Loblolly-short leaf
Bay	421,111	0	0	311,333	23,312
Escambia	268,028	0	0	152,269	11,943
Franklin	313,812	0	0	213,763	3,538
Gulf	280,001	0	0	170,482	6,382
Okaloosa	470,230	0	0	196,149	54,669
Santa Rosa	500,356	0	0	317,753	9,100
Walton	541,959	0	0	205,053	95,593
Region	2,795,497	0	0	1,566,802	204,537
Florida <sup>a</sup>					

County	Forest type group				
	Oak-pine	Oak-hickory	Oak-gum cypress	Elm-ash cottonwood	Maple-beech birch
Bay	28,009	30,315	28,142	0	0
Escambia	59,628	15,136	25,267	3,785	0
Franklin	17,430	24,203	54,878	0	0
Gulf	16,643	0	86,494	0	0
Okaloosa	87,754	70,768	60,890	0	0
Santa Rosa	68,981	26,322	78,200	0	0
Walton	52,749	101,427	87,137	0	0
Region	331,194	268,171	421,008	3,785	0

<sup>a</sup> Florida totals are not available from this source.

Table AGR 56. Area (acres) of commercial forest land by stand-size class<sup>a</sup> in 1979 (Sheffield 1980).

County	All stands	Stand-size Class			Nonstocked areas
		Sawtimber	Poletimber	Sapling-seedling	
Bay	421,111	55,883	85,220	236,247	43,761
Escambia	268,028	102,178	87,628	67,176	11,046
Franklin	313,812	73,179	45,842	148,737	46,054
Gulf	280,001	85,112	40,135	119,824	34,930
Okaloosa	470,230	179,764	82,598	141,550	66,318
Santa Rosa	500,356	183,384	142,234	148,274	26,464
Walton	541,959	160,911	137,015	153,749	90,284
Region	2,795,497	840,411	620,672	1,015,557	318,857
Florida <sup>b</sup>					

<sup>a</sup> A classification of forest land based on the size class of growing-stock trees on the area.

<sup>b</sup> Florida totals are not available from this source.



Table AGR 57. Number of primary wood-using industries in 1969 (Knight and McClure 1971).

County	Pulpmills	Pine plywood plants	Hardwood plywood plants	Veneer plants
Bay	1	0	0	0
Escambia	1	0	1	0
Franklin	0	0	0	0
Gulf	1	0	0	0
Okaloosa	0	0	0	1
Santa Rosa	0	0	0	0
Walton	0	0	0	0
Region	3	0	1	1
Florida	9	1	2	13

County	Sawmills	Treating plants	Other miscellaneous plants
Bay	0	0	0
Escambia	3	1	0
Franklin	1	0	0
Gulf	0	0	0
Okaloosa	4	0	0
Santa Rosa	0	0	0
Walton	1	0	0
Region	9	1	0
Florida	90	11	10

Table AGR 58. Total value (\$) of ornamental crops in 1974 (U.S. Department of Commerce 1977a).

County	1974
Bay	D
Escambia	446,000
Franklin	2,000
Gulf	D
Okaloosa	116,000
Santa Rosa	99,000
Walton	36,000
Region	699,000
Florida	172,950,000

<sup>a</sup> Data withheld to avoid disclosure of individual establishments.

Table AGR 59. Ornamental acreage and value for Florida in 1973 with projections for 1985 (University of Florida, Institute of Food and Agricultural Sciences ca.1975).

Type	Acreage		Value (\$1,000,000 dollars)	
	1973	1985	1973	1985
Foliages	3,900	4,600	70.6	168.0
Woody ornamentals	12,000	22,000	38.0	69.7
Flowers	10,400	11,800	71.7	88.4
Turf (sod production)	25,000	36,400	32.4	41.9
Florida	51,300	73,000	216.0	368.0

FISH AND GAME (FSH)

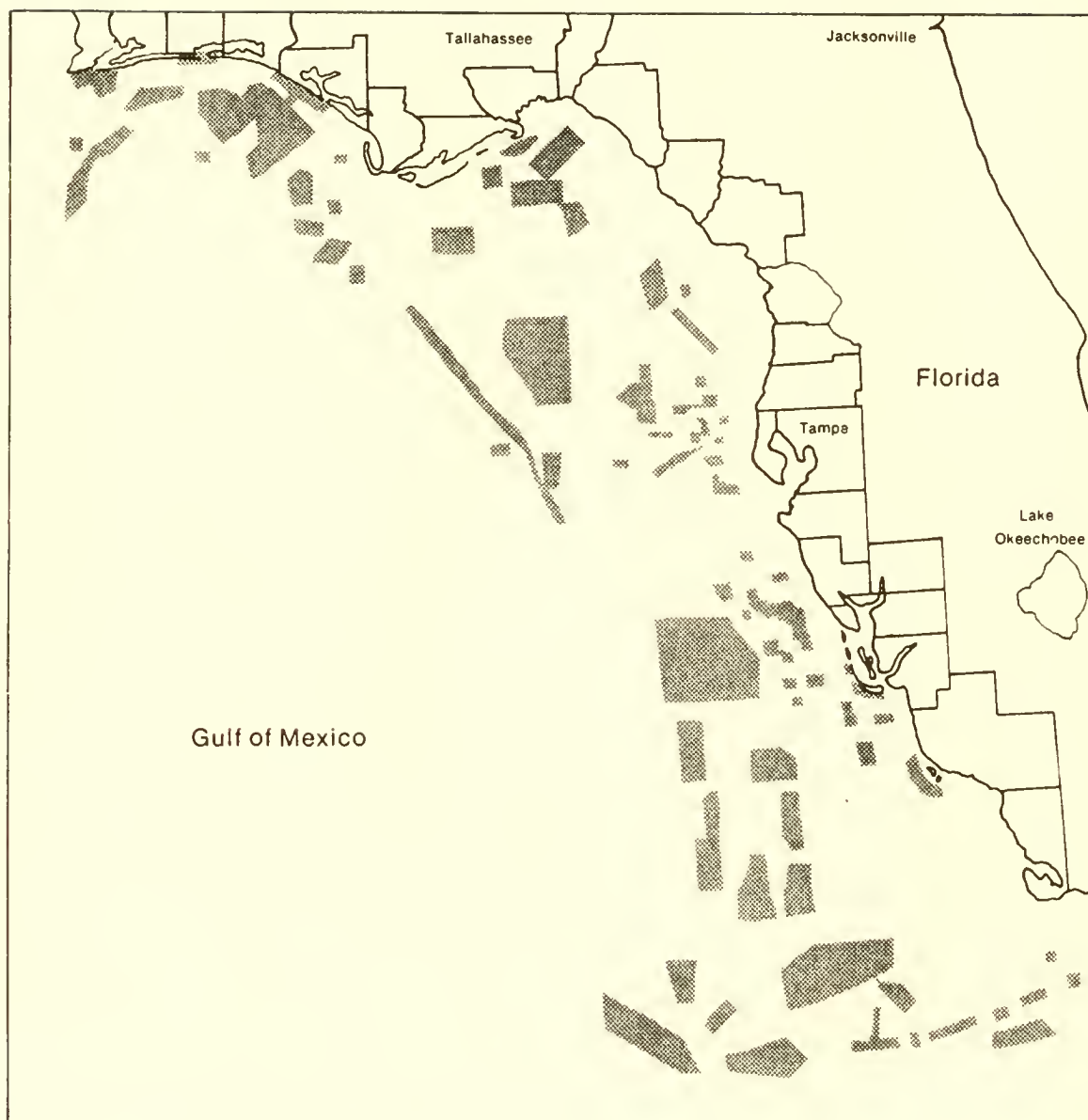


Figure 8. Major fishing grounds of northwestern and southwestern Florida (Moe 1963).

Table FSH 1. Weight (lb) of commercial landings by species and county in 1955<sup>a</sup> (Florida State Board of Conservation 1956).

Species	Florida	Region	Bay <sup>b</sup>	Escambia	Franklin	Okaloosa
Groupers <sup>c</sup>	4,870,523	2,720,429	795,106	571,021	1,042,866	311,436
Mackerel, king	2,679,297	18,774	9,935	0	8,020	819
Mackerel, Spanish	4,858,281	505,069	280,367	172,119	337	52,246
Black mullet	28,690,269	3,439,732	1,629,033	160,802	1,379,655	270,242
Pompano	353,205	19,091	8,076	3,108	2,359	5,548
Spotted trout	2,921,714	260,631	71,981	25,771	150,245	12,634
Snapper, lane	0	0	0	0	0	0
Snapper, mangrove	524,366	276,979	70,742	205,689	0	548
Snapper, mutton	141,350	500	300	0	200	0
Snapper, red	6,426,304	5,154,173	621,313	3,610,433	232,494	689,933
Snapper, vermilion	11,000	11,000	11,000	0	0	0
Snapper, white	82,793	50,460	30,833	13,999	0	5,628
Snapper, yellowtail	238,280	0	0	0	0	0
Ladyfish	310,344	249,721	165,961	0	86	83,674
Total finfish <sup>d</sup>	105,424,072	17,035,663	5,095,508	5,168,492	5,086,075	1,685,588

Continued

Table FSH 1. Concluded.

Species	Florida	Region	Bay <sup>b</sup>	Escambia	Franklin	Okaloosa
Blue crabs	12,636,803	1,431,739	89	0	1,430,460	1,200
Stone crabs	279,505	0	0	0	0	0
Spiny lobsters	2,295,362	0	0	0	0	0
Oysters	649,581	593,771	48,141	2,756	542,874	0
Calico <sub>f</sub> scallops	0	0	0	0	0	0
Shrimp	52,733,990	3,651,223	252,719	749,354	2,635,284	13,866
Total shellfish <sup>d</sup>	68,882,829	5,875,240	495,490	754,836	4,608,618	16,296
Total landings <sup>d</sup>	174,306,901	22,910,903	5,590,998	5,923,328	9,694,693	1,701,884

<sup>a</sup> Santa Rosa and Walton Counties were not listed for this year.

<sup>b</sup> Includes Gulf and Washington Counties.

<sup>c</sup> Includes scamp.

<sup>d</sup> Total reflects the principal species caught and other species not shown.

<sup>e</sup> Meats only.

<sup>f</sup> Heads on.

Table FSH 2. Weight (lb) of commercial landings by species and county in 1960<sup>a</sup> (Florida State Board of Conservation 1961).

Species	Florida	Region	Bay <sup>b</sup>	Escambia	Franklin	Okaloosa
Groupers <sup>c</sup>	6,175,534	2,475,287	803,579	300,383	1,180,291	191,034
Mackerel, king	3,591,902	49,763	31,178	0	7,100	11,485
Mackerel, Spanish	7,717,326	1,114,913	894,506	141,406	11,336	67,665
Black mullet	32,933,129	5,234,860	1,993,954	405,034	2,360,741	475,131
Pompano	683,738	42,873	16,835	8,678	680	16,680
Spotted trout	3,554,636	209,083	99,186	17,381	48,082	44,434
Snapper, lane	0	0	0	0	0	0
Snapper, mangrove	303,710	21,684	0	14,374	0	7,310
Snapper, mutton	146,829	0	0	0	0	0
Snapper, red	6,113,737	4,485,894	1,412,607	1,764,411	220,815	1,088,061
Snapper, vermilion	10,119	4,809	4,809	0	0	0
Snapper, white	61,026	32,587	27,552	2,810	0	2,225
Snapper, yellowtail	625,807	0	0	0	0	0
Ladyfish	500,043	492,343	406,420	19,714	300	65,909
Total finfish <sup>d</sup>	108,181,110	23,893,580	7,203,135	2,797,062	11,703,351	2,190,032

Continued

Table FSH 2 . Concluded .

Species	Florida	Region	Bay	Escambia	Franklin	Okaloosa
Blue crabs	25,614,014	2,281,222	0	13,947	2,267,275	0
Stone crabs	415,330	0	0	0	0	0
Spiny lobsters	2,848,540	0	0	0	0	0
Oysters	1,975,400	1,859,240	89,458	22,562	1,744,760	2,460
Calico <sup>f</sup> scallops	55,730	44,727	19,767	24,960	0	0
Shrimp	51,256,803	3,590,415	543,385	424,778	2,591,727	30,525
Total shellfish <sup>d</sup>	82,294,800	7,786,216	653,167	492,650	6,604,112	36,287
Total landings <sup>d</sup>	190,475,910	31,679,796	7,856,302	3,289,712	18,307,463	2,226,319

<sup>a</sup> Santa Rosa and Walton Counties were not listed for this year.<sup>b</sup> Includes Gulf and Washington Counties.<sup>c</sup> Includes scamp.<sup>d</sup> Total reflects the principal species caught and other species not shown.<sup>e</sup> Meats only.<sup>f</sup> Heads on.



Table FSH 3. Weight (lb) of commercial landings by species and county in 1965 (Florida State Board of Conservation 1966).

Species	Florida	Region	Bay <sup>a</sup>	Escambia	Franklin	Gulf
Groupers <sup>b</sup>	8,446,443	2,878,145	1,153,725	193,078	1,292,199	5,421
Mackerel, king	4,447,335	106,093	48,803	192	5,853	45,147
Mackerel, Spanish	7,784,279	700,544	177,944	162,647	24,063	278,357
Black mullet	34,217,479	5,694,506	1,202,650	673,144	2,274,397	921,804
Pompano	832,888	48,662	10,798	16,347	560	4,210
Spotted trout	4,051,792	507,937	126,442	45,094	246,935	36,179
Snapper, lane	29,823	0	0	0	0	0
Snapper, mangrove	479,705	113,703	40,746	53,308	5,612	0
Snapper, mutton	174,342	285	285	0	0	0
Snapper, red	6,696,951	4,388,462	2,738,149	762,508	150,457	4,753
Snapper, vermilion	82,234	57,101	47,146	6,083	2,674	0
Snapper, white	86,537	26,526	10,753	9,019	816	0
Snapper, yellowtail	1,064,697	8,818	8,818	0	0	0
Ladyfish	1,301,651	1,289,518	493,156	38,100	53,639	78,216
Total finfish <sup>c</sup>	120,512,200	20,657,054	8,014,919	2,201,707	5,182,965	2,076,015
Blue crabs	26,573,421	1,602,796	5,565	36,188	1,556,925	1,165
Stone crabs	872,336	0	0	0	0	0
Spiny lobsters	5,714,093	0	0	0	0	0
Oysters	2,954,745	2,506,558	79,998	22,554	2,337,530	45,492
Calico scallops	0	0	0	0	0	0
Shrimp	43,153,796	4,622,562	582,449	1,202,553	2,430,748	320,173
Total shellfish <sup>c</sup>	79,569,723	8,784,439	697,308	1,279,114	6,326,518	370,693
Total landings <sup>c</sup>	200,081,923	29,441,493	8,712,227	3,480,821	11,509,483	2,446,708

Continued

Table FSH 3. Continued.

Species	Okaloosa	Santa Rosa	Walton
Groupers	233,337	385	0
Mackerel, king	5,898	0	200
Mackerel, Spanish	54,683	0	2,850
Black mullet	412,373	124,723	85,415
Pompano	14,092	125	8,530
Spotted trout	20,809	13,417	19,061
Snapper, lane	0	0	0
Snapper, mangrove	14,037	0	0
Snapper, mutton	0	0	0
Snapper, red	732,421	174	0
Snapper, vermilion	1,198	0	0
Snapper, white	5,938	0	0
Snapper, yellowtail	0	0	0
Ladyfish	625,353	0	1,054
Total finfish	2,888,611	155,412	137,425
Continued			

Table FSH 3. Concluded .

Species	Okaloosa	Santa Rosa	Walton
Blue crabs	2,953	0	0
Stone crabs	0	0	0
Spiny lobsters	0	0	0
Oysters	0	12,207	8,777
Calico scallops	0	0	0
Shrimp	86,639	0	0
Total shellfish	89,822	12,207	8,777
Total landings	2,978,433	167,619	146,202

<sup>a</sup> Includes Washington County.

<sup>b</sup> Includes scamp.

<sup>c</sup> Total reflects the principal species caught and other species not shown.

<sup>d</sup> Meats only.

<sup>e</sup> Heads on.

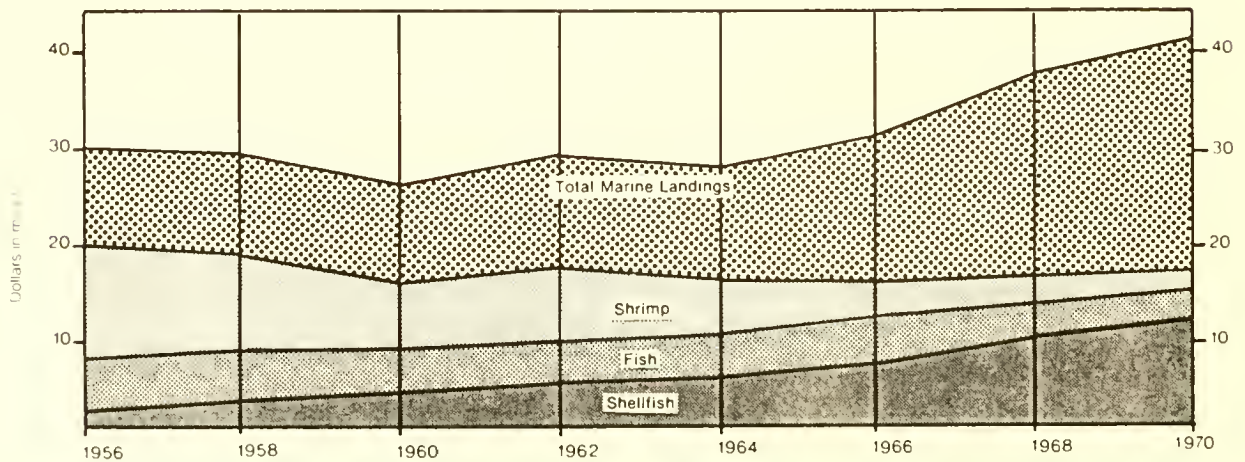
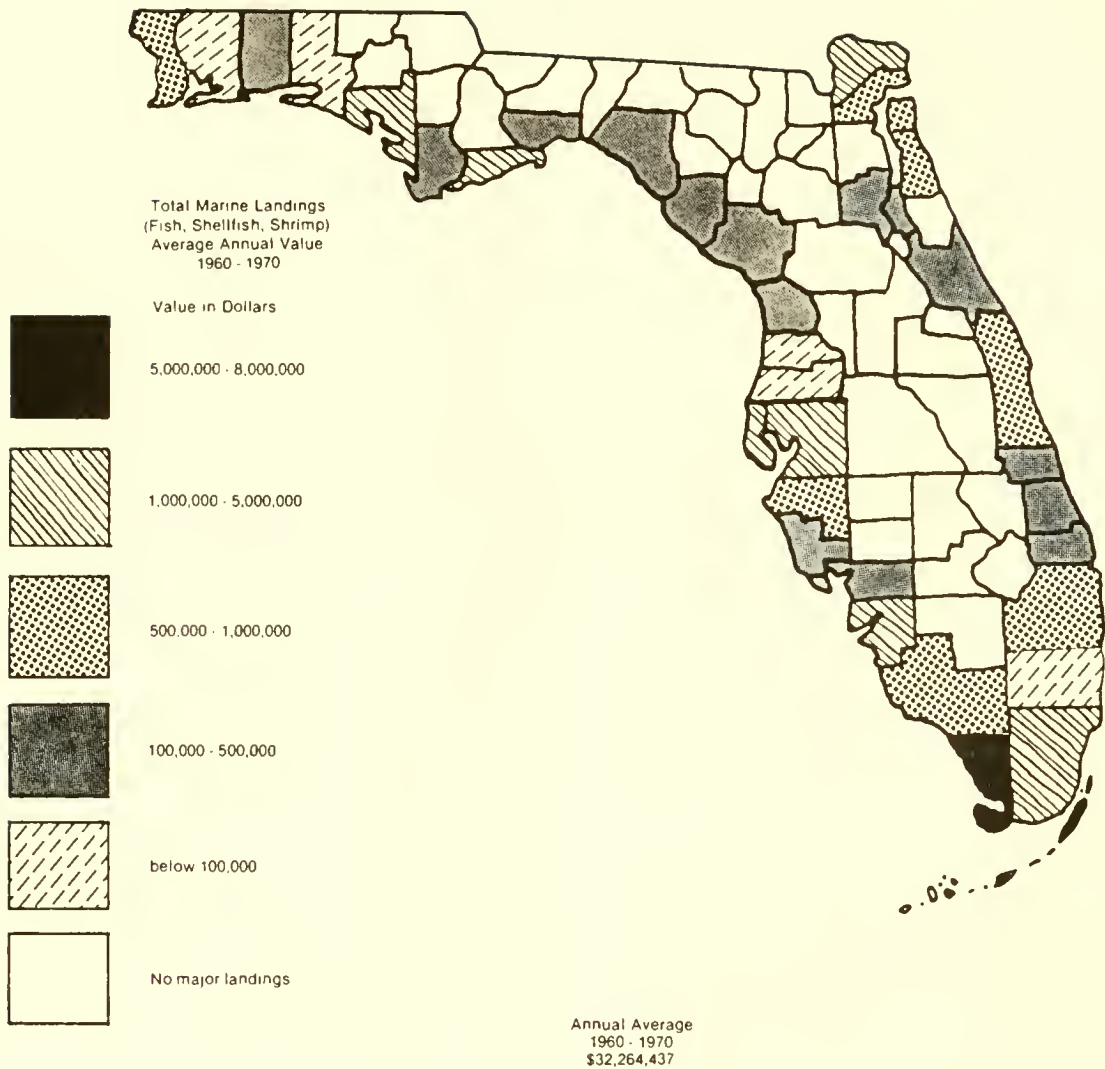


Figure 9. Marine landings for Florida in 1970 (Wood and Fernald 1974).

Table FSH 4. Weight (lb) of commercial landings by species and county in 1970 (Florida Department of Natural Resources, Division of Marine Resources ca. 1971).

Species	Florida	Region	Bay <sup>a</sup>	Escambia	Franklin	Gulf
Groupers <sup>b</sup>	7,593,433	861,748	343,167	56,703	380,861	0
Mackerel, king	6,709,694	241,173	156,477	1,216	979	3,349
Mackerel, Spanish	11,674,479	1,839,255	826,791	172,893	2,274	514,028
Black mullet	25,172,075	4,223,899	752,501	1,098,278	1,004,060	747,009
Pompano	1,095,022	22,892	4,277	6,823	351	6,207
Spotted trout	3,353,835	350,737	139,275	0	114,558	19,155
Snapper, lane	19,087	0	0	0	0	0
Snapper, mangrove	532,133	13,961	4,857	4,696	349	0
Snapper, mutton	396,140	298	32	0	0	266
Snapper, red	4,439,098	2,941,244	1,983,572	296,153	57,253	105,591
Snapper, vermilion	137,306	88,230	13,413	52,206	0	15,722
Snapper, white	0	41,368	14,020	10,773	223	7,611
Snapper, yellowtail	1,196,364	0	0	0	0	0
Ladyfish	683,941	659,476	90,881	81,648	16,675	321,270
Total finfish <sup>c</sup>	112,120,042	17,056,926	6,449,767	2,908,807	2,374,422	2,802,495
Blue crabs	22,565,405	1,434,459	61,434	33,863	1,314,808	0
Stone crabs	1,613,658	0	0	0	0	0
Spiny lobsters	9,869,462	0	0	0	0	0
Oysters	3,786,519	3,449,826	70,856	126,520	3,044,401	82,014
Calico scallops	195,764	0	0	0	0	0
Shrimp <sup>e</sup>	31,172,033	4,621,509	849,872	841,245	2,401,365	449,546
Total shellfish <sup>c</sup>	70,657,975	10,355,338	1,012,286	1,006,713	6,762,849	1,329,804
Total landings <sup>c</sup>	182,778,017	27,412,264	7,462,053	3,915,520	9,137,271	4,132,299

Continued

Table FSH 4. Continued.

Species	Okaloosa	Santa Rosa	Walton
Groupers	90,324	693	0
Mackerel, king	79,152	0	0
Mackerel, Spanish	319,237	2,788	1,244
Black mullet	429,355	106,178	86,517
Pompano	4,385	78	771
Spotted trout	14,727	11,896	52,126
Snapper, lane	0	0	0
Snapper, mangrove	4,059	0	0
Snapper, mutton	0	0	0
Snapper, red	498,675	0	0
Snapper, vermilion	6,833	56	0
Snapper, white	8,344	397	0
Snapper, yellowtail	0	0	0
Ladyfish	148,702	0	300
Total finfish	2,211,022	142,194	168,219

Continued

Table FSH 4 . Concluded .

Species	Okaloosa	Santa Rosa	Walton
Blue crabs	14,341	9,069	944
Stone crabs	0	0	0
Spiny lobsters	0	0	12,208
Oysters	0	126,035	0
Calico scallops	0	0	0
Shrimp	79,481	0	0
Total shellfish	95,340	135,194	13,152
Total landings	2,306,362	277,388	181,371

<sup>a</sup> Includes Washington County .<sup>b</sup> Includes scamp .<sup>c</sup> Total reflects the principal species caught and other species not shown .<sup>d</sup> Meats only .<sup>e</sup> Heads on .



Table FSH 5. Weight (lb) of commercial landings by species and county in 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1976).

Species	Florida	Region	Bay	Escambia	Franklin	Gulf
Groupers <sup>a</sup>	7,913,022	1,157,387	654,006	86,376	260,806	62,954
Mackerel, king	6,319,230	171,312	115,007	3,727	13	7,935
Mackerel, Spanish	10,765,947	515,205	102,722	281,692	2,747	102,108
Black mullet	25,748,467	3,510,956	588,457	788,225	984,205	706,812
Pompano	1,328,308	19,981	4,383	7,708	75	1,541
Spotted trout	2,704,336	422,178	145,472	122,263	73,847	16,786
Snapper, lane	41,191	15	15	0	0	0
Snapper, mangrove	600,448	6,551	3,251	2,609	531	0
Snapper, mutton	396,847	0	0	0	0	0
Snapper, red	5,137,588	2,986,615	2,081,494	457,807	76,518	22,234
Snapper, vermilion	545,119	333,587	161,317	160,220	248	515
Snapper, white	0	0	0	0	0	0
Snapper, yellowtail	797,596	197	197	0	0	0
Ladyfish	1,010,532	980,527	451,743	33,459	0	375,055
Total finfish <sup>b</sup>	99,654,545	18,887,121	7,257,108	3,725,561	1,678,541	3,402,721
Blue crabs	16,994,057	1,993,093	216,567	61,836	1,658,981	4,744
Stone crabs	2,160,656	0	0	0	0	0
Spiny lobsters	7,408,449	140	0	0	140	0
Oysters	2,213,065	2,110,648	28,473	5,739	2,032,612	24,245
Calico scallops	1,992,239	548,089	16,962	0	500,135	30,992
Shrimp	31,056,202	8,190,686	1,540,735	997,761	4,799,963	594,925
Total shellfish <sup>b</sup>	63,001,238	12,907,440	1,844,056	1,069,732	9,000,860	660,869
Total landings <sup>b</sup>	162,655,783	31,794,661	9,101,164	4,795,293	10,679,401	4,063,590

Continued



Table FSH 5. Continued.

Species	Okaloosa	Santa Rosa	Walton
Groupers	92,865	380	0
Mackerel, king	44,630	0	0
Mackerel, Spanish	24,004	1,932	0
Black mullet	325,058	43,015	75,184
Pompano	5,953	0	321
Spotted trout	31,036	19,419	13,355
Snapper, lane	0	0	0
Snapper, mangrove	0	160	0
Snapper, mutton	0	0	0
Snapper, red	347,857	250	0
Snapper, vermilion	11,287	0	0
Snapper, white	0	0	0
Snapper, yellowtail	0	0	0
Ladyfish	119,958	0	312
Total finfish	2,488,560	234,375	100,355

Continued

Table FSH 5. Concluded.

Species	Okaloosa	Santa Rosa	Walton
Blue crabs	8,222	11,007	31,736
Stone crabs	0	0	0
Spiny lobsters	0	0	0
Oysters	1,761	13,699	4,119
Calico scallops	0	0	0
Shrimp	257,302	0	0
Total shellfish	267,522	24,746	39,655
Total landings	2,756,082	259,121	140,010

<sup>a</sup> Includes scamp.

<sup>b</sup> Total reflects the principal species caught and other species not shown.

<sup>c</sup> Meats only.

<sup>d</sup> Heads on.

Table FSH 6. Weight (lb) of commercial landings by species and county in 1980<sup>a</sup> (Florida Department of Natural Resources, Division of Marine Resources ca. 1981).

Species	Region	Bay	Escambia	Franklin	Gulf
Groupers <sup>b</sup>	1,344,161	583,503	135,117	534,188	38,996
Mackerel, king	182,970	157,128	835	60	1,634
Mackerel, Spanish	613,979	221,436	205,351	2,657	50,654
Black mullet	4,787,846	1,676,098	1,504,553	721,773	317,263
Pompano	31,868	9,875	4,484	192	6,369
Spotted trout	192,012	61,454	51,777	28,740	15,584
Snapper, lane	863	15	0	0	0
Snapper, mangrove	10,684	4,624	553	3,967	83
Snapper, mutton	2,082	0	227	775	0
Snapper, red	2,169,360	1,681,435	251,902	49,087	9,783
Snapper, vermilion	266,723	71,415	88,520	2,151	108
Snapper, white	0	0	0	0	0
Snapper, yellowtail	5,406	0	0	0	0
Ladyfish	1,323,336	544,325	3,662	194	676,278
Total finfish <sup>c</sup>	22,091,652	8,737,415	3,038,965	1,632,783	4,682,789
Blue crabs	1,873,628	361,807	63,001	1,304,380	1,005
Stone crabs	51,180	0	0	0	0
Spiny lobsters	30	0	0	0	0
Oysters	6,603,801	107,115	0	6,401,439	90,516
Calico scallops	0	0	0	0	0
Shrimp	6,361,000	789,000	542,000	3,402,000	598,000
Total shellfish <sup>c</sup>	75,133	N.D.	N.D.	N.D.	N.D.
Total landings <sup>c</sup>	37,044,577	10,013,750	3,653,560	12,768,906	5,376,673

Continued

Table FSH 6 . Continued .

Species	Okaloosa	Santa Rosa	Walton
Groupers	51,285	1,072	0
Mackerel, king	23,256	57	0
Mackerel, Spanish	124,327	9,104	450
Black mullet	259,624	289,099	9,436
Pompano	10,260	90	598
Spotted trout	13,752	19,833	872
Snapper, lane	858	0	0
Snapper, mangrove	1,456	1	0
Snapper, mutton	1,080	0	0
Snapper, red	159,298	17,855	0
Snapper, vermilion	101,558	2,971	0
Snapper, white	0	0	0
Snapper, yellowtail	5,406	0	0
Ladyfish	98,751	126	0
Total finfish	3,350,166	635,584	13,950

Continued

Table FSH 6 . Concluded .

Species	Okaloosa	Santa Rosa	Walton
Blue crabs	28,716	39,665	75,054
Stone crabs	51,180	0	0
Spiny lobsters	30	0	0
Oysters	4,652	0	79
Calico scallops	0	0	0
Shrimp	1,014,000	16,000	0
Total shellfish	N.D.	N.D.	75,133
Total landings	4,451,000	691,605	89,083

<sup>a</sup> Florida totals not listed for this year .

<sup>b</sup> Includes scamp .

<sup>c</sup> Total reflects the principal species caught and other species not shown .

<sup>d</sup> Meats only .

<sup>e</sup> Heads on .

Table FSH 7. Value (\$) of commercial landings by species in Florida in 1955 (Florida State Board of Conservation 1956).

Species	Value (\$)
Groupers <sup>a</sup>	494,567
Mackerel, king	322,544
Mackerel, Spanish	502,035
Black mullet	2,203,487
Pompano	455,249
Spotted trout	730,428
Snapper, lane	0
Snapper, mangrove	89,142
Snapper, mutton	26,857
Snapper, red	1,675,817
Snapper, vermilion	1,320
Snapper, white	7,451
Snapper, yellowtail	57,188
Ladyfish	12,414
Total finfish <sup>b</sup>	8,369,472
Blue crabs	631,840
Stone crabs	131,367
Spiny lobsters	527,934
Oysters <sup>c</sup>	142,908
Calico <sup>d</sup> scallops	0
Shrimp <sup>d</sup>	15,440,180
Total shellfish <sup>b</sup>	17,185,454
Total landings <sup>b</sup>	25,554,926

<sup>a</sup> Includes scamp.

<sup>b</sup> Total reflects the principal species caught and other species not shown.

<sup>c</sup> Meat only.

<sup>d</sup> Heads on.

Table FSH 8. Value in dollars (\$) of commercial landings by species and county in 1960<sup>a</sup> (Florida State Board of Conservation 1961).

Species	Florida	Region	Bay <sup>b</sup>	Escambia	Franklin	Okaloosa
Groupers <sup>c</sup>	692,419	260,595	79,554	30,038	128,652	22,351
Mackerel, king	407,944	4,802	2,900	0	753	1,149
Mackerel, Spanish	734,557	96,006	76,033	12,727	1,156	6,090
Black mullet	1,856,806	301,510	117,643	19,847	134,562	29,458
Pompano	445,978	23,834	9,259	4,860	374	9,341
Spotted trout	795,933	46,466	22,218	4,171	9,857	10,220
Snapper, lane	0	0	0	0	0	0
Snapper, mangrove	49,154	3,033	0	2,156	0	877
Snapper, mutton	31,569	0	0	0	200	0
Snapper, red	1,612,912	1,137,171	360,215	432,280	58,516	286,160
Snapper, vermilion	2,024	866	866	0	0	0
Snapper, white	4,272	3,292	2,755	337	0	200
Snapper, yellowtail	147,866	0	0	0	0	0
Ladyfish	15,002	14,770	12,193	591	9	1,977
Total finfish <sup>d</sup>	8,278,721	2,110,122	756,412	514,407	456,070	383,233

Continued

Table FSH 8 . Concluded .

Species	Florida	Region	Bay	Escambia	Franklin	Okaloosa
Blue crabs	1,245,452	109,526	0	697	108,829	0
Stone crabs	150,595	0	0	0	0	0
Spiny lobsters	1,100,284	0	0	0	0	0
Oysters	496,082	464,811	22,365	3,641	436,190	615
Calico scallops	12,602	11,182	4,942	6,240	0	0
Shrimp	14,318,197	782,520	145,250	105,676	523,595	7,999
Total shellfish <sup>d</sup>	17,656,288	1,368,828	172,594	118,766	1,068,667	8,801
Total landings <sup>d</sup>	25,935,009	3,479,950	929,006	634,173	1,524,737	392,034

<sup>a</sup> Santa Rosa and Walton Counties were not listed for this year .<sup>b</sup> Includes Gulf County data .<sup>c</sup> Includes scamp .<sup>d</sup> Total reflects the principal species caught and other species not shown .<sup>e</sup> Meats only .<sup>f</sup> Heads on .



Table FSH 9. Value (\$) of commercial landings by species and county in 1965 (Florida State Board of Conservation 1966).

Species	Florida	Region	Bay <sup>a</sup>	Escambia	Franklin	Gulf
Groupers <sup>b</sup>	927,988	292,039	117,680	19,733	128,961	542
Mackerel, king	606,432	18,941	5,637	23	1,036	6,321
Mackerel, Spanish	875,309	80,173	20,054	16,265	3,879	33,876
Black mullet	1,915,187	340,601	72,400	42,812	132,142	55,216
Pompano	542,917	30,078	6,783	10,039	340	2,657
Spotted trout	973,294	117,946	29,550	13,082	53,140	8,303
Snapper, lane	3,514	0	0	0	0	0
Snapper, mangrove	90,798	24,114	10,301	9,569	1,594	0
Snapper, mutton	42,433	51	51	0	0	0
Snapper, red	2,145,931	1,381,396	857,041	248,425	44,641	1,473
Snapper, vermilion	16,665	10,305	8,194	1,521	374	0
Snapper, white	7,787	2,665	1,075	917	80	0
Snapper, yellowtail	264,475	2,204	2,204	0	0	0
Ladyfish	45,080	44,737	13,710	1,055	3,283	2,206
Total finfish <sup>c</sup>	10,666,153	2,644,630	1,245,376	384,478	451,908	160,019
Blue crabs	1,604,027	85,441	319	1,571	83,203	58
Stone crabs	352,814	0	0	0	0	0
Spiny lobsters	53,219,241	0	0	0	0	0
Oysters	987,392	843,490	28,479	8,119	784,475	14,862
Calico scallops	0	0	0	0	0	0
Shrimp	16,292,705	1,540,923	218,598	377,398	818,768	95,862
Total shellfish <sup>c</sup>	22,887,242	2,491,561	265,004	388,335	1,686,576	113,486
Total landings <sup>c</sup>	33,553,395	5,136,200	1,510,380	772,822	2,138,484	273,505

Continued

Table FSH 9 . Continued .

Species	Okaloosa	Santa Rosa	Walton
Groupers	23,084	39	0
Mackerel, king	5,898	0	26
Mackerel, Spanish	5,785	0	314
Black mullet	23,794	9,180	5,057
Pompano	8,540	75	1,644
Spotted trout	5,186	3,733	4,952
Snapper, lane	0	0	0
Snapper, mangrove	2,650	0	0
Snapper, mutton	0	0	0
Snapper, red	229,760	56	0
Snapper, vermilion	216	0	0
Snapper, white	593	0	0
Snapper, yellowtail	0	0	0
Ladyfish	24,451	0	32
Total finfish	370,203	17,030	15,616

Continued

Table FSH 9. Concluded.

Species	Okaloosa	Santa Rosa	Walton
Blue crabs	290	0	0
Stone crabs	0	0	0
Spiny lobsters	0	0	0
Oysters	0	4,395	3,160
Calico scallops	0	0	0
Shrimp	30,297	0	0
Total shellfish	30,605	4,395	3,160
Total landings	400,808	21,425	18,776

<sup>a</sup> Includes Washington County.

<sup>b</sup> Includes scamp.

<sup>c</sup> Total reflects the principal species caught and other species not shown.

<sup>d</sup> Meats only.

<sup>e</sup> Heads on.

Table FSH 10. Value (\$) of commercial landings by species and county in 1970<sup>a</sup> (Florida Department of part-Natural Resources, Division of Marine Resources ca. 1971).

Species	Florida	Region	Bay <sup>a</sup>	Escambia	Franklin	Gulf
Groupers <sup>b</sup>	1,478,182	159,980	63,760	12,838	62,728	0
Mackerel, king	1,334,449	31,534	18,183	114	147	513
Mackerel, Spanish	1,397,275	188,982	87,144	17,307	224	51,403
Black mullet	2,196,122	402,156	76,605	91,706	99,302	69,248
Pompano	1,257,410	18,468	3,635	6,133	263	4,008
Spotted trout	1,042,330	102,326	40,543	0	33,096	5,312
Snapper, lane	5,188	0	0	0	0	0
Snapper, mangrove	142,974	4,687	1,306	1,939	94	0
Snapper, mutton	166,929	90	10	0	0	80
Snapper, red	2,505,185	1,602,762	1,063,988	189,538	28,025	50,979
Snapper, vermilion	56,057	31,715	3,919	21,175	0	4,717
Snapper, white	0	6,566	2,284	1,792	33	1,142
Snapper, yellowtail	468,459	0	0	0	0	0
Ladyfish	21,953	21,297	4,017	2,449	500	9,638
Total finfish <sup>c</sup>	14,856,222	3,079,582	1,560,490	467,348	286,435	267,365
Blue crabs	1,727,545	95,448	5,167	2,699	85,331	0
Stone crabs	839,840	0	0	0	0	0
Spiny lobsters	5,918,479	0	0	0	0	0
Oysters	1,593,873	1,418,347	30,454	58,667	1,229,025	33,503
Calico scallops	195,764	0	0	0	0	0
Shrimp <sup>e</sup>	15,752,624	2,324,493	468,316	510,544	1,090,874	219,167
Total shellfish <sup>c</sup>	26,584,724	3,957,511	519,502	572,259	2,405,922	349,250
Total landings <sup>c</sup>	41,440,946	7,037,093	2,079,992	1,039,607	2,692,357	616,615

Continued

Table FSH 10 - Continued.

Species	Okaloosa	Santa Rosa	Walton
Groupers	20,495	159	0
Mackerel, king	12,577	0	0
Mackerel, Spanish	32,498	279	124
Black mullet	43,021	11,382	10,892
Pompano	3,708	66	655
Spotted trout	4,240	3,575	15,560
Snapper, lane	0	0	0
Snapper, mangrove	1,348	0	0
Snapper, mutton	0	0	0
Snapper, red	270,232	0	0
Snapper, vermilion	1,881	23	0
Snapper, white	1,248	67	0
Snapper, yellowtail	0	0	0
Ladyfish	4,684	0	9
Total finfish	449,608	18,295	30,041

Continued

Table FSH 10 . Concluded .

Species	Okaloosa	Santa Rosa	Walton
Blue crabs	1,302	855	94
Stone crabs	0	0	0
Spiny lobsters	0	0	5,929
Oysters	0	66,698	0
Calico scallops	0	0	0
Shrimp	35,592	0	0
Total shellfish	36,993	67,562	6,023
Total landings	486,601	85,857	36,064

<sup>a</sup> Includes Washington County .

<sup>b</sup> Includes scamp .

<sup>c</sup> Total reflects the principal species caught and other species not shown .

<sup>d</sup> Meats only .

<sup>e</sup> Heads on .

Table FSH 11. Value (\$) of commercial landings by species and county in 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1976).

Species	Florida	Region	Bay	Escambia	Franklin	Gulf
Groupers <sup>a</sup>	3,187,215	454,118	252,484	36,754	99,796	24,830
Mackerel, king	2,354,849	52,734	36,486	1,173	2	1,658
Mackerel, Spanish	1,862,599	83,862	17,435	44,154	434	17,457
Black mullet	3,687,528	539,867	90,764	118,002	154,304	106,135
Pompano	1,489,758	24,459	5,291	9,589	70	1,913
Spotted trout	1,155,866	164,043	57,638	46,159	28,513	6,790
Snapper, lane	18,021	3	3	0	0	0
Snapper, mangrove	228,260	3,242	1,608	1,316	274	0
Snapper, mutton	232,324	0	0	0	0	0
Snapper, red	4,395,500	2,503,077	1,691,906	418,593	69,016	18,682
Snapper, vermilion	356,801	201,713	91,047	103,188	130	294
Snapper, white	0	0	0	0	0	0
Snapper, yellowtail	543,190	128	128	0	0	0
Ladyfish	42,250	40,358	18,855	1,449	0	14,183
Total finfish <sup>b</sup>	26,674,289	5,214,102	2,770,668	1,043,465	400,298	326,711
Blue crabs	2,223,180	271,432	31,725	7,463	224,483	708
Stone crabs	1,801,202	0	0	0	0	0
Spiny lobsters	9,862,987	105	0	0	105	0
Oysters <sup>c</sup>	1,259,621	1,161,357	18,267	4,941	1,107,017	13,815
Calico scallops	1,249,510	350,475	14,588	0	318,089	17,798
Shrimp <sup>d</sup>	31,761,329	7,867,743	1,399,240	1,202,486	4,409,759	549,500
Total shellfish <sup>b</sup>	50,057,407	9,695,070	1,491,056	1,215,553	6,061,481	590,161
Total landings <sup>b</sup>	13,761,696	14,909,317	4,261,869	2,259,018	6,461,779	916,872

Continued

Table FSH 11. Continued.

Species	Okaloosa	Santa Rosa	Walton
Groupers	40,102	152	0
Mackerel, king	13,415	0	0
Mackerel, Spanish	4,080	302	0
Black mullet	50,139	7,008	13,515
Pompano	7,195	0	401
Spotted trout	11,797	7,377	5,769
Snapper, lane	0	0	0
Snapper, mangrove	0	44	0
Snapper, mutton	0	0	0
Snapper, red	304,655	225	0
Snapper, vermilion	7,054	0	0
Snapper, white	0	0	0
Snapper, yellowtail	0	0	0
Ladyfish	5,856	0	15
Total finfish	611,239	40,600	21,121

Continued



Table FSH 11. Concluded.

Species	Okaloosa	Santa Rosa	Walton
Blue crabs	1,159	2,067	3,827
Stone crabs	0	0	0
Spiny lobsters	0	0	0
Oysters	1,739	12,030	3,548
Calico scallops	0	0	0
Shrimp	306,758	0	0
Total shellfish	309,694	14,103	13,022
Total landings	920,933	54,703	34,143

<sup>a</sup> Includes scamp.<sup>b</sup> Total reflects the principal species caught and other species not shown.<sup>c</sup> Meats only.<sup>d</sup> Heads on.

Table FSH 12. Value (\$) of commercial landings by species and county in 1980<sup>d</sup> (Florida Department of Natural Resources, Division of Marine Resources ca. 1981).

Species	Region	Bay	Escambia	Franklin	Gulf
Groupers <sup>b</sup>	1,178,856	489,937	121,265	482,571	30,717
Mackerel, king	97,533	80,696	349	35	892
Mackerel, Spanish	170,494	60,404	58,809	676	14,197
Black mullet	998,178	307,803	349,795	139,999	64,139
Pompano	70,997	24,662	9,735	182	15,198
Spotted trout	131,399	42,158	36,362	18,153	10,488
Snapper, lane	439	15	0	0	0
Snapper, mangrove	11,153	4,645	552	4,055	83
Snapper, mutton	2,211	0	146	814	0
Snapper, red	3,873,936	2,967,618	452,994	100,163	16,669
Snapper, vermilion	315,051	78,111	99,008	2,788	119
Snapper, white	0	0	0	0	0
Snapper, yellowtail	7,839	0	0	0	0
Ladyfish	71,386	27,383	251	33	34,146
Total finfish <sup>c</sup>	9,013,046	4,752,948	1,318,337	953,360	620,954
Blue crabs	401,686	77,224	14,553	274,102	206
Stone crabs	84,447	0	0	0	0
Spiny lobsters	30	0	0	0	0
Oysters	5,897,855	91,058	0	5,732,481	68,011
Calico scallops	N.D.	0	0	0	0
Shrimp	8,460,340	1,049,000	721,000	4,525,000	795,340
Total shellfish <sup>c</sup>	16,217 <sup>f</sup>	N.D.	N.D.	N.D.	N.D.
Total landings <sup>c</sup>	23,904,229	5,984,693	2,056,062	11,510,139	1,487,906

Continued

Table FSH 12. Continued.

Species	Okaloosa	Santa Rosa	Walton
Groupers	53,211	1,155	0
Mackerel, king	15,538	23	0
Mackerel, Spanish	33,832	2,441	135
Black mullet	66,737	65,218	4,487
Pompano	19,417	191	1,612
Spotted trout	10,436	13,033	769
Snapper, lane	424	0	0
Snapper, mangrove	1,818	0	0
Snapper, mutton	1,251	0	0
Snapper, red	302,032	34,460	0
Snapper, vermilion	131,196	3,829	0
Snapper, white	0	0	0
Snapper, yellowtail	7,839	0	0
Ladyfish	9,560	13	0
Total finfish	1,158,985	200,973	7,489

Continued

Table FSH 12 . Concluded .

Species	Okaloosa	Santa Rosa	Walton
Blue crabs	1,159	2,067	3,827
Stone crabs	0	0	0
Spiny lobsters	0	0	0
Oysters	1,739	12,030	3,548
Calico scallops	0	0	0
Shrimp	306,758	0	0
Total shellfish	0	0	16,217 <sup>f</sup>
Total landings	2,609,343	232,380	23,706

<sup>a</sup> Florida totals not listed for this year .

<sup>b</sup> Includes scamp .

<sup>c</sup> Total reflects the principal species caught and other species not shown .

<sup>d</sup> Meats only .

<sup>e</sup> Heads on .

<sup>f</sup> Data was recorded as found .

Table FSH 13. Weight (lb) of bait landings by species and county in 1955<sup>a</sup>  
(Florida State Board of Conservation 1956).

Species	Florida	Region	Bay <sup>b</sup>	Escambia	Franklin
Ballyhoo	29,390	N.D.	0	0	0
Herring, thread	0	N.D.	0	0	0
Menhaden	38,165,327	1,905,309	4,534	0	1,900,775
Mullet, silver	1,566,549	10,679	7,054	2,846	N.D.
Bait shrimp, dead	N.D.	N.D.	N.D.	N.D.	N.D.
Total	39,761,266	1,915,988	11,588	2,856	1,900,775
Bait shrimp, number of live	N.D.	N.D.	N.D.	N.D.	N.D.

Species	Okaloosa
Ballyhoo	0
Herring, thread	0
Menhaden	0
Mullet, silver	779
Bait shrimp, dead	N.D.
Total	779
Bait shrimp, number of live	N.D.

<sup>a</sup> Santa Rosa and Walton Counties were not listed for this year.

<sup>b</sup> Includes Gulf County.

Table FSH 14. Weight (lb) of bait landings by species and county in 1960<sup>a</sup>  
(Florida State Board of Conservation 1961).

Species	Florida	Region	Escambia	Franklin	Okaloosa
Ballyhoo	66,032	0	0	0	0
Herring, thread	0	0	0	0	0
Menhaden	31,151,429	6,571,229	549	6,568,590	2,090
Mullet, silver	601,964	500	400	0	100
Bait shrimp, dead	N.D.	N.D.	N.D.	N.D.	N.D.
Total	31,819,425	6,571,229	949	6,568,590	2,190
Bait shrimp, number of live	N.D.	N.D.	N.D.	N.D.	N.D.

<sup>a</sup> Bay, Gulf, Santa Rosa and Walton Counties were not listed for this year.

Table FSH 15. Weight (lb) of bait landings by species and county in 1965<sup>a</sup> (Florida State Board of Conservation 1966).

Species	Florida	Region	Bay <sup>a</sup>	Escambia	Franklin
Ballyhoo	97,560	0	0	0	0
Herring, thread	0	0	0	0	0
Menhaden	32,101,571	145,807	20,545	0	124,992
Mullet, silver	893,130	1,835	1,102	0	0
Bait shrimp, dead	479,755	297,978	269,608	7,021	0
Total	33,572,016	445,620	291,255	7,021	124,992
Bait shrimp, number of live	94,698,386	741,865	169,372	232,133	0

Species	Gulf	Okaloosa	Santa Rosa	Walton
Ballyhoo	0	0	0	0
Herring, thread	0	0	0	0
Menhaden	220	50	0	0
Mullet, silver	N.D.	733	0	0
Bait shrimp, dead	19,024	100	585	1,640
Total	19,244	883	585	1,640
Bait shrimp, number of live	254,772	3,000	82,588	0

<sup>a</sup> Includes Washington County.

Table FSH 16. Weight (lb) of bait landings by species and county in 1970<sup>a</sup> (Florida Department of Natural Resources, Division of Marine Resources ca. 1971).

Species	Florida	Region	Bay <sup>b</sup>	Franklin	Gulf
Ballyhoo	426,164	7,218	1,920	0	3,020
Herring, thread	519,794	259,869	21,500	0	191,109
Menhaden	28,624,893	338,406	34,843	302,407	1,106
Mullet, silver	14,788	0	0	0	0
Bait shrimp, dead	298,084	24,343	19,546	0	1,587
Total	29,883,723	629,836	77,800	302,407	196,822
Bait shrimp, number of live	78,714,965	400,000	0	0	200,000

Species	Okaloosa	Santa Rosa	Walton
Ballyhoo	2,278	0	0
Herring, thread	47,260	0	0
Menhaden	50	0	0
Mullet, silver	0	0	0
Bait shrimp, dead	0	35	3,175
Total	49,588	35	3,175
Bait shrimp, number of live	200,000	0	0

<sup>a</sup> Escambia County was not listed for this year.

<sup>b</sup> Includes Washington County.



Table FSH 17. Weight (lb) of bait landings by species and county in 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1976).

Species	Florida	Region	Bay	Escambia	Franklin
Ballyhoo	383,456	4,878	3,878	0	0
Herring, thread	920,423	851,790	261,759	0	0
Menhaden	13,216,694	386,731	88,538	168	5,535
Mullet, silver	843,730	1,374	0	0	0
Bait shrimp, dead	1,020,231	37,028	30,581	0	0
Total	16,384,534	1,281,801	384,756	168	5,535
Bait shrimp, number of live	N.D.	N.D.	N.D.	N.D.	N.D.

Species	Gulf	Okaloosa	Santa Rosa	Walton
Ballyhoo	1,000	0	0	0
Herring, thread	357,350	229,557	0	3,124
Menhaden	292,490	0	0	0
Mullet, silver	0	304	350	720
Bait shrimp, dead	2,647	0	0	3,800
Total	653,487	229,861	350	7,644
Bait shrimp, number of live	N.D.	N.D.	N.D.	N.D.

Table FSH 18. Value (\$) of bait landings by species for Florida in 1955  
(Florida State Board of Conservation 1956).

Species	Value (\$)
Ballyhoo	2,939
Herring, thread	0
Menhaden	362,571
Mullet, silver	93,993
Bait shrimp, dead	N.D.
Total	459,503
Bait shrimp, number of live	N.D.

Table FSH 19. Value (\$) of bait landings by species and county in 1960<sup>a</sup>  
(Florida State Board of Conservation 1961).

Species	Florida	Region	Escambia	Franklin	Okaloosa
Ballyhoo	9,244	0	0	0	0
Herring, thread	0	0	0	0	0
Menhaden	263,348	59,842	15	59,775	52
Mullet, silver	43,923	38	28	0	10
Bait shrimp, dead	N.D.	N.D.	N.D.	N.D.	N.D.
Total	316,515	59,880	43	59,775	62
Bait shrimp, number of live	N.D.	N.D.	N.D.	N.D.	N.D.

<sup>a</sup> Bay, Gulf, Santa Rosa and Walton Counties were not listed for this year.

Table FSH 20. Value (\$) of bait landings by species and county in 1965 (Florida State Board of Conservation 1966).

Species	Florida	Region	Bay <sup>a</sup>	Escambia	Franklin
Ballyhoo	13,658	0	0	0	0
Herring, thread	0	0	0	0	0
Menhaden	446,821	5,886	822	0	5,050
Mullet, silver	52,411	117	80	0	0
Bait shrimp, dead	240,856	174,823	162,745	3,382	0
Total	753,746	180,826	163,647	3,382	5,050
Bait shrimp, number of live	1,218,830	22,285	3,445	9,808	0

Species	Gulf	Okaloosa	Santa Rosa	Walton
Ballyhoo	0	0	0	0
Herring, thread	0	0	0	0
Menhaden	9	5	0	0
Mullet, silver	0	37	0	0
Bait shrimp, dead	6,998	35	263	1,400
Total	7,007	77	263	1,400
Bait shrimp, number of live	7,166	75	1,791	0

<sup>a</sup> Includes Washington County.

Table FSH 21. Value (\$) of bait landings by species and county in 1970<sup>a</sup>  
(Florida Department of Natural Resources, Division of Marine Resources ca.  
1971).

Species	Florida	Region	Bay <sup>b</sup>	Franklin	Gulf
Ballyhoo	81,727	1,054	274	0	302
Herring, thread	16,107	8,310	838	0	5,733
Menhaden	392,669	10,123	944	9,133	44
Mullet, silver	2,055	0	0	0	0
Bait shrimp, dead	111,068	13,772	9,773	0	1,090
Total	603,626	33,259	11,829	9,133	7,169
Bait shrimp, number of live	1,404,175	5,890	0	0	5,890

Species	Okaloosa	Santa Rosa	Walton
Ballyhoo	478	0	0
Herring, thread	1,739	0	0
Menhaden	2	0	0
Mullet, silver	0	0	0
Bait shrimp, dead	0	21	2,888
Total	2,219	21	2,888
Bait shrimp, number of live	0	0	0

<sup>a</sup> Escambia County was not listed for this year.

<sup>b</sup> Includes Washington County.

Table FSH 22. Value (\$) of bait landings by species and county in 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1976).

Species	Florida	Region	Bay	Escambia	Franklin
Ballyhoo	86,487	493	392	0	0
Herring, thread	54,549	49,351	14,996	0	0
Menhaden	315,603	11,725	2,550	8	396
Mullet, silver	133,759	400	0	0	0
Bait shrimp, dead	1,640,071	25,858	15,059	0	0
Total	2,230,469	87,827	32,997	0	396
Bait shrimp, number of live	N.D.	N.D.	N.D.	N.D.	N.D.

Species	Gulf	Okaloosa	Santa Rosa	Walton
Ballyhoo	100	0	0	0
Herring, thread	21,099	13,038	0	218
Menhaden	8,771	0	0	0
Mullet, silver	0	600	52	288
Bait shrimp, dead	5,152	0	0	5,647
Total	35,122	13,638	52	6,153
Bait shrimp, number of live	N.D.	N.D.	N.D.	N.D.

Table FSH 23. Monthly grouper landings (lb) for the Florida west coast in 1965, 1970 and 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1971, ca. 1976; Florida State Board of Conservation 1966).

Month	1965	1970	1975
January	700,095	359,110	410,657
February	433,597	352,534	552,286
March	433,358	415,368	526,233
April	707,657	641,728	625,505
May	713,221	622,679	677,898
June	843,820	806,440	639,163
July	865,204	619,919	531,416
August	737,397	715,367	516,368
September	471,755	601,917	438,878
October	691,082	543,121	817,559
November	752,347	612,973	576,462
December	867,336	610,058	694,152

Table FSH 24. Monthly king mackerel landings (lb) for the Florida west coast in 1965, 1970 and 1975 (Florida Department of Natural Resources, Division of Marine Resources Ca. 1971, ca. 1976; Florida State Board of Conservation 1966).

Month	1965	1970	1975
January	96,231	396,102	507,452
February	500,782	421,666	1,091,108
March	726,375	590,973	183,977
April	228,966	526,359	83,907
May	16,497	56,850	86,244
June	52,460	31,492	66,376
July	6,752	35,226	17,597
August	21,399	24,562	39,975
September	9,779	65,355	59,920
October	43,733	39,823	63,981
November	80,839	42,393	88,420
December	114,404	141,014	333,467

Table FSH 25. Monthly Spanish mackerel landings (lb) for the Florida west coast in 1965, 1970 and 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1971, ca. 1976; Florida State Board of Conservation 1966).

Month	1965	1970	1975
January	776,596	1,704,637	1,534,450
February	237,675	851,005	1,825,194
March	485,308	751,806	664,479
April	441,650	1,053,362	293,828
May	90,958	105,033	107,972
June	24,800	17,367	24,657
July	76,908	41,609	59,988
August	171,368	140,289	90,382
September	99,595	407,283	130,768
October	265,757	576,300	287,088
November	1,361,488	1,035,465	442,216
December	851,297	1,415,791	1,160,146

Table FSH 26. Monthly pompano landings (lb) for the Florida west coast in 1965, 1970 and 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1971, ca. 1976; Florida State Board of Conservation 1966).

Month	1965	1970	1975
January	80,846	66,026	58,081
February	28,039	28,045	130,828
March	40,681	40,938	88,943
April	90,244	178,677	76,529
May	36,662	71,004	67,079
June	20,847	51,760	55,265
July	22,145	51,561	91,335
August	58,416	59,916	106,136
September	27,697	70,726	66,610
October	57,238	66,421	62,841
November	70,191	96,674	117,200
December	49,067	69,811	211,914

Table FSH 27. Monthly spotted trout landings (lb) for the Florida west coast in 1965, 1970 and 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1971, ca. 1976; Florida State Board of Conservation 1966).

Month	1965	1970	1975
January	412,881	285,953	211,149
February	255,290	197,029	154,462
March	223,716	158,527	108,932
April	265,361	149,614	160,414
May	228,980	167,928	213,692
June	149,536	227,879	178,282
July	178,931	147,247	131,882
August	154,028	133,811	158,052
September	184,528	188,391	161,282
October	394,783	245,569	220,465
November	445,110	376,498	275,559
December	476,582	364,364	333,241

Table FSH 28. Monthly lane snapper landings (lb) for the Florida west coast in 1965, 1970 and 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1971, ca. 1976; Florida State Board of Conservation 1966).

Month	1965	1970	1975
January	2,920	902	554
February	2,566	483	512
March	3,613	2,144	1,464
April	13,928	2,935	651
May	332	1,764	618
June	1,440	811	69
July	62	1,549	309
August	191	325	10,784
September	0	659	824
October	347	514	432
November	2,050	156	3,357
December	886	1,342	4,008



Table FSH 29. Monthly mangrove snapper landings (lb) for the Florida west coast in 1965, 1970 and 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1971, ca. 1976; Florida State Board of Conservation 1966).

Month	1965	1970	1975
January	23,499	28,016	32,677
February	23,077	20,431	50,895
March	22,947	26,366	31,632
April	68,522	34,397	29,175
May	26,959	41,489	45,511
June	28,983	67,048	44,237
July	81,160	81,925	106,432
August	47,955	41,111	40,444
September	14,737	21,736	25,985
October	17,059	25,600	37,721
November	30,868	26,357	27,965
December	21,667	27,587	12,863

Table FSH 30. Monthly mutton snapper landings (lb) for the Florida west coast monthly for 1965, 1970 and 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1971, ca. 1976; Florida State Board of Conservation 1966).

Month	1965	1970	1975
January	9,932	13,413	20,162
February	9,913	20,519	20,422
March	11,148	24,995	16,705
April	17,830	24,699	29,770
May	20,255	22,413	35,099
June	10,806	32,558	52,980
July	7,449	20,471	24,234
August	4,751	13,160	12,963
September	2,048	8,039	10,608
October	6,376	13,604	10,976
November	5,008	19,130	13,107
December	4,477	21,254	12,549

Table FSH 31. Monthly red snapper landings (lb) for the Florida west coast in 1965, 1970 and 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1971, ca. 1976; Florida State Board of Conservation 1966).

Month	1965	1970	1975
January	748,760	181,272	361,697
February	394,511	245,488	350,090
March	470,308	296,592	282,051
April	586,538	279,239	247,080
May	497,707	289,344	390,201
June	543,145	383,909	425,322
July	382,136	415,926	417,686
August	438,077	374,431	481,762
September	238,757	364,667	283,572
October	485,842	321,125	536,198
November	617,963	417,053	320,516
December	667,816	295,151	356,604

Table FSH 32. Monthly vermilion snapper landings (lb) for the Florida west coast in 1965, 1970 and 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1971, ca. 1976; Florida State Board of Conservation 1966).

Month	1965	1970	1975
January	2,509	11,994	26,476
February	9,183	12,211	17,931
March	10,989	874	12,640
April	6,093	7,748	11,099
May	7,453	13,239	24,614
June	13,985	16,417	21,138
July	5,369	10,372	43,041
August	6,684	20,341	51,537
September	3,753	4,654	30,483
October	1,751	10,659	54,839
November	1,135	3,562	22,420
December	2,722	5,677	36,625

Table FSH 33. Monthly white snapper landings (lb) for the Florida west coast in 1965 (Florida State Board of Conservation 1966).

Month	1965
January	5,441
February	2,903
March	3,106
April	7,991
May	3,594
June	3,130
July	4,207
August	4,814
September	1,924
October	4,263
November	2,849
December	2,513

Table FSH 34. Monthly yellowtail snapper landings (lb) for the Florida west coast in 1965, 1970 and 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1971, ca. 1976; Florida State Board of Conservation 1966).

Month	1965	1970	1975
January	91,792	42,735	53,669
February	64,508	37,967	78,889
March	76,263	47,223	52,192
April	134,489	124,937	75,267
May	85,453	101,775	120,041
June	132,896	285,045	92,387
July	114,227	88,977	58,289
August	97,790	55,265	24,198
September	24,845	40,154	21,907
October	39,790	62,209	33,919
November	41,668	56,035	29,540
December	37,982	44,703	35,500

Table FSH 35. Monthly ladyfish landings (lb) for the Florida west coast in 1965, 1970 and 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1971, ca. 1976; Florida State Board of Conservation 1966).

Month	1965	1970	1975
January	26	3,317	2,517
February	175	9,055	591
March	2,789	3,660	1,025
April	5,512	36,060	17,260
May	203,132	126,723	138,724
June	100,088	73,097	61,912
July	44,695	51,943	31,949
August	71,172	60,036	85,634
September	354,901	56,142	136,627
October	418,619	186,417	428,394
November	99,869	61,797	96,368
December	59	15,694	1,519

Table FSH 36. Monthly blue crab landings (lb) for the Florida west coast in 1965, 1970 and 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1971, ca. 1976; Florida State Board of Conservation 1966).

Month	1965	1970	1975
January	839,501	613,798	1,163,483
February	554,114	788,760	1,218,191
March	761,346	1,344,597	926,520
April	1,873,527	1,253,398	1,397,982
May	2,596,423	1,380,422	1,601,620
June	3,234,182	1,615,733	1,272,995
July	2,443,069	1,735,604	1,202,245
August	1,720,759	1,614,004	1,088,892
September	1,820,303	1,352,157	994,422
October	1,991,094	1,275,945	995,049
November	1,377,305	866,190	480,935
December	1,397,600	945,867	533,843

Table FSH 37. Monthly stone crab landings (lb) for the Florida west coast in 1965, 1970 and 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1971, ca. 1976; Florida State Board of Conservation 1966).

Month	1965	1970	1975
January	68,850	218,767	345,717
February	88,126	195,112	313,181
March	108,704	208,740	315,441
April	77,046	167,778	209,527
May	39,408	80,803	49,784
June	11,450	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	47,120	135,644	162,343
November	101,736	227,814	420,822
December	112,101	267,391	301,866

Table FSH 38. Monthly spiny lobster landings (lb) for the Florida west coast in 1965, 1970 and 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1971, ca. 1976; Florida State Board of Conservation 1966).

Month	1965	1970	1975
January	182,436	451,006	300,347
February	181,693	303,520	221,756
March	426,929	422,867	197,570
April	0	0	100,559
May	0	0	37,908
June	0	0	40,074
July	0	0	68,528
August	777,651	1,152,538	1,447,456
September	584,868	1,038,109	897,203
October	1,157,480	1,385,101	839,038
November	639,829	1,138,968	567,712
December	434,209	959,608	350,943

Table FSH 39. Monthly oyster landings (lb) for the Florida west coast in 1965, 1970 and 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1971, ca. 1976; Florida State Board of Conservation 1966).

Month	1965	1970	1975
January	341,809	618,738	355,869
February	283,104	564,153	321,886
March	366,885	509,668	288,182
April	237,443	466,524	236,920
May	126,478	130,961	87,932
June	2,440	228	0
July	198	0	0
August	243	0	0
September	183,811	262,781	152,361
October	303,763	257,702	206,530
November	409,484	328,898	198,977
December	533,074	434,141	286,995

Table FSH 40. Monthly calico scallop landings (lb) for the Florida west coast in 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1976).

Month	1975
January	0
February	0
March	0
April	0
May	0
June	0
July	458
August	160
September	36,049
October	85,201
November	139,952
December	286,269

Table FSH 41. Monthly shrimp landings (lb) for the Florida west coast in 1965, 1970 and 1975 (Florida Department of Natural Resources, Division of Marine Resources ca. 1971, ca. 1976; Florida State Board of Conservation 1966).

Month	1965	1970	1975
January	3,518,966	2,832,831	2,733,184
February	2,982,765	2,860,971	2,483,142
March	3,212,614	2,646,182	2,925,007
April	3,310,809	3,376,744	2,591,134
May	3,331,172	2,898,777	2,927,130
June	2,491,234	2,052,439	2,568,663
July	2,585,857	1,231,937	1,417,279
August	1,394,542	1,002,835	1,321,711
September	1,837,369	875,412	1,230,771
October	4,479,649	2,104,254	1,992,463
November	5,292,496	2,399,532	1,738,228
December	3,321,510	2,281,582	2,580,046

Table FSH 42. Florida commercial fishing value (\$/lb) by type of fish for 1960 , 1965, 1970, 1971, 1972, 1973, 1974, 1975 and 1976 (Florida Department of Natural Resources, Division of Marine Resources ca. 1971-77; Florida State Board of Conservation 1961, 1966).

Type	1960	1965	1970	1971	1972
Finfish	.08	.09	.13	.14	.16
Shrimp	.28	.38	.51	.63	.78
Spiny lobsters	.39	.56	.60	.86	1.03
Crabs	.05	.07	.14	.12	.15
Oysters	.25	.33	.42	.44	.47
Scallops	.23	.62	.84	1.22	1.32

Type	1973	1974	1975	1976
Finfish	.19	.22	.24	.28
Shrimp	.90	.76	1.02	1.40
Spiny lobsters	1.04	1.23	1.33	1.61
Crabs	.20	.20	.21	.27
Oysters	.63	.58	.57	.66
Scallops	1.19	.56	.63	.72



Table FSH 43. Legal status and range of endangered and potentially endangered species in Florida as of 1 October 1980 (Pritchard 1978 Florida Game and Fresh Water Fish Commission ca. 1980c;). E = endangered; SSC = species of special concern; T = threatened; UR = under review; GFWFC = Game and Fresh Water Fish Commission.

<u>Species</u> <u>Name and scientific name</u>	<u>Legal Status</u> <u>GFWFC</u> <u>USFWS</u>		<u>Range</u>
<u>Fishes</u>			
Shortnose sturgeon ( <u>Acipenser brevirostrum</u> )	E	E	Occurrence in Florida is based on a single specimen (a 735-mm female) from Big Lake George, (St. Johns River), Putnam County.
Atlantic sturgeon ( <u>Acipenser oxyrhynchus</u> )	SSC		The northern or eastern subspecies ranges from Canada to the St. John River, in northeastern Florida. The southern, or western, subspecies occurs from Tampa Bay W. at least to the mouth of the Mississippi River.
Key silverside ( <u>Menidia conchorum</u> )	E		Only from the lowermost Florida Keys (Big Pine Key, Cudjo Key and Key West) in Monroe County.
Bluestripe shiner ( <u>Notropis callitaenia</u> )	T	UR	The Apalachicola (including the Flint and Chattahoochee) River system.
Blackmouth shiner ( <u>Notropis undescribed species</u> )	T		Known only from a single locality: Pond Creek at U.S. 90 highway bridge just outside Milton, Santa Rosa County.
Lake Eustis pupfish ( <u>Cyprinodon variegatus hubbsi</u> )	SSC		Is endemic to central Florida and is known only from Lakes Eustis, Harris, Dora, Griffin, Yale, and Silver in Lake County and Lake Weir in Marion County.



Table FSH 43. Continued.

<u>Species</u> <u>Name and scientific name</u>	<u>Legal Status</u> <u>GFWFC USFWS</u>	<u>Range</u>
Saltmarsh topmallow ( <u>Fundulus jenkinsi</u> )	SSC	The Galveston Bay area, Houston, Texas eastward along the northern coast of the Gulf of Mexico to extreme western Florida in the embayments of the Pensacola area.
Rivulus ( <u>Rivulus marmoratus</u> )	SSC	The southern third of peninsular Florida.
Okaloosa darter ( <u>Etheostoma okaloosae</u> )	E E	Confined to a series of small streams that empty into Rocky and Boggy Bayous near the western end of Choctawhatchee Bay near Niceville in Okaloosa and Walton Counties.
Harlequin darter ( <u>Etheostoma histrio</u> )	SSC	The Escambia River from McDavid to the Alabama line.
Southern tessellated darter ( <u>Etheostoma olmstedii maculaticeps</u> )	SSC	St. Johns River system in three locales: the Oklawaha River, at Davenport Landing, about 7 mi upstream from its mouth in the St. Johns River and about 2 mi below the present site of Rodman Dam; Orange Creek at Orange Springs and Eaton Creek at the western edge of the Ocala National Forest.

Continued

Table FSH 43. Continued.

Species Name and scientific name	Legal Status		Range
	GFWFC	USFWS	
Crystal darter ( <u>Ammocrypta asprella</u> )	T	UR	The Escambia River.
Key blenny ( <u>Starksia starcki</u> )	SSC		Only from Looe Key, several miles offshore from Big Pine Key, in the lower Florida Keys.
Shoal bass ( <u>Micropterus undescribed species</u> )	SSC		In the rapids of the Chipola River, around Marianna and in very small numbers in the Apalachicola River, below Jim Woodruff Dam.
Suwannee bass ( <u>Micropterus notius</u> )	SSC		In the lower parts of the Suwannee and Ochlockonee River systems.
<u>Birds</u>			
Eastern brown pelican ( <u>Pelecanus occidentalis carolinensis</u> )	T	E	Throughout the coast of Florida.
Wood stork ( <u>Mycteria americana</u> )	E		Presently storks nest in about 20 colonies throughout peninsular Florida from Duval and Alachua Counties S. to Everglades National Park. Between 1973 and 1975 there were confirmed nesting attempts at Madeira, East River and Lane River in Everglades Park; Corkscrew Swamp and Sadie Cypress in Collier County and in other counties outside the study area.

Continued

Table FSH 43. Continued.

<u>Species</u> <u>Name and scientific name</u>	<u>Legal Status</u> <u>GFWFC    USFWS</u>		Range
Golden eagle ( <u>Aquila chrysaetos</u> )	N.D.	N.D.	N.D.
Southern Bald eagle ( <u>Haliaeetus leucocephalus</u> )	T	E	One almost ubiquitous in Florida, nesting in the lower Florida Keys and along the State's entire coastline and near larger lakes and rivers through the interior. The numbers nesting along the middle Gulf and Atlantic Coasts of the peninsula (notably around Tampa Bay and in Brevard and Volusia Counties, particularly Merritt Island) were among the most dense breeding concentrations of a large raptor known anywhere on earth. Presently, principal nesting concentrations are found along the extreme SW. coast and in Florida Bay; along the Gulf coast from Pinellas County to the mouth of Suwannee River.
Osprey ( <u>Pandion haliaetus carolinensis</u> )	N.D.	N.D.	Ospreys nest through most of peninsular Florida, particularly along the coasts, along major rivers and around wooded shores of lakes. They are less common in western Florida, and may not nest W. of the Apalachicola River.

Continued

Table FSH 43 . Continued .

Species Name and scientific name	Legal Status GFWFC USFWS	Range
Florida Everglade kite ( <u>Rostrhamus sociabilis plumbeus</u> )	E	E
		The species ranges widely in the Neotropical region, with four subspecies recognized. <u>Rostrhamus sociabilis plumbeus</u> is restricted to Florida and is the only subspecies considered to be endangered. The kite once ranged over most of the peninsular Florida in suitable habitat but it is presently confined mainly to several impoundments on the headwaters of the St. Johns River, the northern part of Everglades National Park, and other areas outside the study area.
Marsh hawk ( <u>Circus cyaneus</u> )	N.D. N.D.	N.D.
Southeastern American kestrel ( <u>Falco sparverius paulus</u> )	T	Throughout the State of Florida. Recent observations indicated a decline in breeding populations in the central and southern parts of Florida.
Eastern kestrel ( <u>Falco sparverius sparverius</u> )	N.D. N.D.	N.D.
Continued		

Table FSH 43 . Continued .

<u>Species</u>		<u>Legal Status</u>		<u>Range</u>
<u>Name and scientific name</u>		<u>GFWFC</u>	<u>USFWS</u>	
Pigeon hawk (merlin) ( <u>Falco columbarius</u> )		N.D.	N.D.	N.D.
Peregrine falcon ( <u>Falco peregrinus</u> )		E	E	The peregrine falcon is a cosmopolitan species and breeds on every continent except Antarctica. Florida and Ohio are the only two states where the peregrine has not been reported to breed. Florida has been an important wintering area for peregrines.
Audubon's caracara ( <u>Caracara cheriway auduboni</u> )	T			In Florida, the caracara is largely restricted to the prairies areas of the south-central peninsular region, although it has been recorded as far S. in the State as the lower Florida Keys (Monroe County) and as far N. as Nassau County.
Florida burrowing owl ( <u>Athena cunicularia floridana</u> )			SSC	The burrowing owl breeds in central, northeastern, and southeastern Florida, as well as in the Florida Keys.
Cuban snowy plover ( <u>Charadrius alexandrinus tenuirostris</u> )	E			The Cuban snowy plover breeds on the outer beaches and sand bars of the Gulf coast from Texas to Florida.
Continued				

Table FSH 43. Continued.

Species Name and scientific name	Legal Status GFWFC USFWS	Range
Florida sandhill crane ( <u>Grus canadensis pratensis</u> )	T	Through suitable habitat southward of Florida peninsular, but scarce in Monroe and Dade Counties and rare W. of Alachua County in northern Florida, not recorded recently W. of the Apalachicola River.
American oystercatcher ( <u>Haematopus palliatus</u> )	SSC	Two subspecies of the American oystercatcher are recognized: the western race ( <u>H.p. frazari</u> ) is found from Baja, California S. along the Pacific coast of Mexico to Chile. The eastern subspecies ( <u>H.p. palliatus</u> ) is resident in Florida. Formerly the bird nested all along the coast, but it is now very local in distribution. Good numbers are found year round along the upper Gulf coast. It has become a rare breeding bird in Pinellas County. Christmas Bird Counts reveal that oystercatchers are found in winter on both Atlantic and Gulf coasts, but are rare in the Keys.
Little blue heron ( <u>Florida caerulea</u> )	SSC	In Florida, they are widely distributed from the panhandle S. into the Keys. The largest breeding colonies appear to be on the coast and associated islands.

Continued

Table FSH 43. Continued.

Species Name and scientific name	Legal Status GFWFC USFWS	Range
Snowy egret ( <u>Egretta thula</u> )	SSC	Snowy egrets nest in inland and coastal colonies, throughout the Florida peninsula, but are rare nesters in western Florida.
Reddish egret ( <u>Dichromanassa rufescens</u> )	SSC	Breeds on the Gulf coast of southern Florida and several other gulf states. In Florida, nests in the Florida Keys, principally Florida Bay and has nested recently at Hemp Key, Pine Island Sound, Lee County.
Louisiana heron ( <u>Hydranassa tricolor</u> )	SSC	Nests throughout Florida, most commonly in estuarine colonies along the peninsula, less commonly in freshwater colonies and much less commonly W. of the Apalachicola drainage.
Roseate spoonbill ( <u>Ajaia ajaja</u> )	SSC	In Florida, spoonbills formerly bred as far N. as Tampa Bay on the Gulf coast, Brevard County on the E. coast, and Lake Okeechobee in the interior. The numbers of spoonbills and their nesting sites were greatly reduced by the 1880's, and continued to decline through the early 20th century. Spoonbills have shown considerable recovery in numbers since addition of Florida Bay to the

Continued

Table FSH 43 . Continued .

<u>Species</u> <u>Name and scientific name</u>	<u>Legal Status</u>		Range
	<u>GFWFC</u>	<u>USFWS</u>	
Limpin ( <u>Aramus guarauna</u> )	SSC		Everglades National Park in 1950 . Presently, small numbers of spoonbills may appear almost anywhere in summer .
Roseate tern ( <u>Sterna dougallii</u> )	T		The species occurs through peninsular Florida (W. to Wakulla County) and casually in the Florida Keys .  Nests in the Florida Keys .
Least tern ( <u>Sterna albifrons</u> )	T		The subspecies, <u>s.a. antillarum</u> breeds from Louisiana to the Dry Tortugas and Key West and northward on the Atlantic coast to southern Maine .
White-crowned pigeon ( <u>Columba leucocephala</u> )	T		In Florida, the species breeds in the Keys and along the extreme southern fringe of the peninsula .
Ivory-billed woodpecker ( <u>Campephilus principalis</u> )	T	E	Formerly occurred over most of the State of Florida except the Florida Keys . Now possibly extinct, but there were reported sightings in 1949, 1950 and 1969 .

Continued



Table FSH 43 . Continued .

Species Name and scientific name	Legal Status GFWFC USFWS	Range
Red-cockaded woodpecker ( <u>Picoides borealis</u> )	T E	Historically, this species has been found throughout Florida, S. to the Homestead area. Presently it is found throughout much of the State, being common in some areas of the N. and rare in the S.
Florida scrub jay ( <u>Aphelocoma coerulescens coerulescens</u> )	T	Conspecific scrub jay subspecies range over most of western United States and Mexico, but the morphologically and behaviorally unique Florida scrub jay is restricted to scattered and often small and isolated patches of scrub oaks in peninsular Florida.
Marian's marsh wren ( <u>Cistothorus palustris marianae</u> )	SSC	Fairly common along the Gulf coast of Florida from Tarpon Springs N. to Apalachicola. Formerly common in Old Tampa Bay and occasionally present south to Charlotte Harbor. Some birds are present in St. Andrews Bay.
Worthington's marsh wren ( <u>Cistothorus palustris griseus</u> )	SSC	Resident in the Atlantic coastal marshes from S. Carolina to northern Florida. In Florida, colonies are present in the <u>Spartina alterniflora</u> marshes from <u>Cumberland S. to the St. Johns River</u> .

Continued

Table FSH 43. Continued.

Species Name and scientific name	Legal Status		Range
	GFWFC	USFWS	
Bachman's warbler ( <u>Vermivora bachmanii</u> )	E	E	Known to have wintered only in Florida, probably nearing extinction.
Kirtland's warbler ( <u>Dendroica kirtlandii</u> )	E	E	Wintered only in Florida.
Dusky seaside sparrow ( <u>Ammodramus maritima nigrescens</u> )	E	E	Brevard County, FL, in the St. Johns River floodplain (eastern side) from N. of SR-520 to SR-46.
Cape Sable seaside sparrow ( <u>Ammodramus maritima mirabilis</u> )	E	E	A resident of marshes in extreme southern and southwestern peninsular Florida. A large population was discovered in the southern end of the State at Taylor Slough.
Scott's seaside sparrow ( <u>Ammodramus maritima peninsulae</u> )	SSC		Resident in <u>Juncus</u> and <u>Spartina</u> marshes from Port Richey N. to Pepperfish Keys. Formerly S. to Old Tampa Bay.
Wakulla seaside sparrow ( <u>Ammodramus maritima junicola</u> )	SSC		Resident in coastal marshes of northern Gulf coast of Florida from Taylor County westward at least to Franklin County and formerly, to Bay County.

Continued

Table FSH 43. Continued.

<u>Species</u> <u>Name and scientific name</u>	<u>Legal Status</u>		Range
	<u>GFWFC</u>	<u>USFWS</u>	
Florida grasshopper sparrow ( <u>Ammodramus</u> <u>savannarum</u> <u>floridanus</u> )	E		Restricted to a small portion of the south-central peninsula (type locality 7 mi E. of Alligator Bluff, Osceola County).
<u>Amphibians and Reptiles</u>			
Pine Barrens treefrog ( <u>Hyla</u> <u>andersonii</u> )	SSC	E	Less than 10 small sites in northern Okaloosa and western Walton Counties.
Florida gopher frog ( <u>Rana</u> <u>areolata</u> )	SSC		Throughout the northern part of the State in appropriate habitats.
American crocodile ( <u>Crocodylus</u> <u>acutus</u> <u>aesopus</u> )	E	E	Occurs primarily in coastal swamps and rivers in extreme southern Florida, presently are fairly well restricted to Dade and Monroe Counties.
American alligator ( <u>Alligator</u> <u>mississippiensis</u> )	SSC	T	Occurs in suitable habitat throughout Florida. However, its numbers are greater in the peninsula than in the panhandle.
Atlantic leatherback turtle ( <u>Dermochelys</u> <u>coriacea</u> )	E	E	Throughout the coast of Florida, but nesting in Florida is rare and typically occurs on the Atlantic coast. Most records are from Palm Beach and Martin Counties.
Continued			

Table FSH 43. Continued.

Species Name and scientific name	Legal Status GFWFC USFWS	Range
Atlantic green turtle ( <u>Chelonia mydas mydas</u> )	E E	Probably once widespread in Florida, nesting is today confined to the E. coast between Cape Canaveral and Palm Beach with Jupiter Island and Hutchinson Island having the greatest nesting.
Atlantic hawksbill turtle ( <u>Eretmochelys imbricata imbricata</u> )	E E	On reefs off the SE. coast and the Florida Keys.
Atlantic ridley turtle ( <u>Lepidochelys kempii</u> )	E E	Mature <u>Lepidochelys kempii</u> are restricted to the <u>Gulf of Mexico</u> , immature specimens are along the Atlantic coast.
Atlantic loggerhead turtle ( <u>Caretta caretta caretta</u> )	T T	On the E. coast of Florida between Cape Canaveral and Palm Beach.
Key mud turtle ( <u>Kinosternon bauri bauri</u> )	T	Big Pine Key, Key West, a point 30 mi N. of Key West, and Stoeck Isle.
Barbour's map turtle ( <u>Graptemys barbouri</u> )	SSC	In the Chipola and Apalachicola Rivers (Jackson, Calhoun and Gulf Counties).
Suwannee cooter ( <u>Chrysemys concinna suwanneensis</u> )	SSC UR	Found from Georgia State line S. to central Florida. Two species are found in Florida: <u>C. c. mobilensis</u> occurs in bays, estuaries and <u>lower parts</u> of streams from just W. of Apalachicola River to the

Continued

Table FSH 43. Continued.

Species Name and scientific name	Legal Status GFWFC USFWS	Range
Gopher tortoise ( <u>Gopherus polyphemus</u> )	SSC	State line. <u>C.c. suwanniensis</u> occurs from the delta SE. <u>along the W. coast</u> of the peninsula to the Alafia River.  Relict, scattered populations occur in suitable habitats in southern peninsular Florida from Cape Sable and Cutler Ridge northward along both coasts as far as the general level of Sarasota and Fort Lauderdale.
Florida keys mole skink ( <u>Eumeces egregius egregius</u> )	SSC	Found in the Dry Tortugas and the lower Florida Keys.
Blue-tailed mole skink ( <u>Eumeces egregius lividus</u> )	T	Occurs on the Lake Wales Ridge in Polk and Highlands Counties.
Atlantic salt marsh water snake ( <u>Nerodia fasciata taeniata</u> )	E	Along the coast of Gulf of Mexico and in the coastal areas of Volusia, Brevard and Indian River Counties.
Short-tailed snake ( <u>Stilosoma extenuatum</u> )	T	Endemic to Florida. Occurs from Suwanee and Columbia to Hillsborough, Orange and Highlands Counties.
Big Pine Key ringneck snake ( <u>Diadophis punctatus acricus</u> )	T	The species consists of five subspecies found in the eastern, southeastern, and central United States. The Lower Keys race has been reported from Big Pine Key only.

Continued

Table FSH 43. Continued.

Species Name and scientific name	Legal Status GFWFC USFWS	Range
Red rat snake ( <u>Elaphe guttata guttata</u> ) <u>Lower Keys population only</u>	SSC	Occurs throughout Florida where it undergoes a decided color change in the Lower Keys. Specimens have been collected from the following keys: Bahia Honda, Big Pine, Key Vaca, Key West, Indian, Little Pine, Stoch Island, Sugarloaf and also from Marquisas Keys.
Florida brown snake ( <u>Storeria dekayi victa</u> ) <u>Lower Keys population only</u>	T	Occurs from SE. Georgia S. into Florida. Specimens are known from the following Lower Keys: Big Pine, No Name, and Sugarloaf
Miami black-headed snake ( <u>Tantilla oolitica</u> )	T	Dade and Monroe Counties. Florida only, on the Eastern Rock Rim of Miami and on Key Largo.
Eastern indigo snake ( <u>Drynarchon corais couperi</u> )	T	Throughout peninsular Florida, including the Florida Keys.
Florida ribbon snake ( <u>Thamnophis sauritus sackeni</u> ) <u>Lower Keys population only</u>	T	Common in most of Florida. The distinctive Lower Keys population is known only from Big Pine, Cudjoe Key and No Name Key.

Continued

Table FSH 43 . Continued .

<u>Species</u> <u>Name and scientific name</u>	<u>Legal Status</u> <u>GFWFC</u> <u>USFWS</u>		<u>Range</u>
<u>Mammals</u>			
Gray bat <u>(Myotis grisescens)</u>	E	E	Occupies areas of the panhandle where caves are found; major colonies known only from Jackson County; only two recorded for northcentral Florida.
Indiana bat <u>(Myotis sodalis)</u>	E	E	Florida panhandle, two specimens taken at Old Indian Cave, Florida State Park, 3 mi N. of Marianna.
Eastern chipmunk <u>(Tamias striatus)</u>	SSC		Western Florida, known only from two localities: 8 km (5 mi) SW. of Laurel Hill and 11.2 km (7 mi) SW. of Laurel Hill in Okaloosa County.
Mangrove fox squirrel <u>(Sciurus niger avicennnia)</u>	T		Formerly found across all of southern Florida S. of Lake Okeechobee in suitable habitat, until disappearance in early 1900's. Today is found only in Big Cypress Swamp and the adjacent pinelands of southwestern Florida in Collier and northwestern Monroe Counties.

Continued

Table FSH 43. Continued.

<u>Name and scientific name</u>	<u>Legal Status</u>		Range
	<u>GFWFC</u>	<u>USFWS</u>	
Sherman's fox squirrel ( <u>Sciurus niger shermani</u> )	SSC		Peninsular Florida E. of Suwannee River and N. of Lake Okeechobee. Near Georgia line in Nassau County; in Gilchrist and Levy Counties on the W.; and in Hillsborough, Highlands and Palm Beach Counties on the S.
Goff's pocket gopher ( <u>Geomys pinetis goffi</u> )	E		Known only from Pineda Ridge in Eau Gallie (Melbourne) Brevard County. 3.2 km (2 mi) N. and S. of Eau Gallie and 3.2 km (2 mi) inland from Indian River.
Silver rice rat ( <u>Oryzomys argentatus</u> )	E	UR	Cudje Key.
Pallid beach mouse ( <u>Peromyscus polionotus decoloratus</u> )	E		Florida, Volusia County, Ponce Park, near Mosquito Inlet and at Bulow, Flagler County. Mosquito Inlet is now called Ponce de Leon Inlet.
Choctawhatchee beach mouse ( <u>Peromyscus polionotus allopheys</u> )	T		Coastal dunes between entrance to the Choctawhatchee Bay, Okaloosa County and St. Andrew's Bay in Bay County.

Continued



Table FSH 43 . Continued .

<u>Species</u> <u>Name and scientific name</u>	<u>Legal Status</u> <u>GFWFC</u> <u>USFWS</u>	<u>Range</u>
Perdido Bay beach mouse ( <u>Peromyscus polionotus trissyllepsis</u> )	T	Coastal dunes between Perdido Bay, AL and Pensacola Bay, FL. The type locality is a sand bar E. of Perdido Inlet, Baldwin County, AL.
Florida mouse ( <u>Peromyscus floridanus</u> )	T	Isolated population along Gulf coast in Franklin County. But it is confined to peninsular Florida from St. Johns, Clay, Alachua, Suwannee and Taylor Counties. Southward to Sarasota County on the W. coast, Highlands County in the center of the State and at least formerly, to Dade County on the E. coast. Type locality is Gainesville, Alachua County.
Key Largo cotton mouse ( <u>Peromyscus gossypinus allapaticola</u> )	E      UR	Island of Key Largo, off the southern tip of the Florida peninsula. Type locality is 19.3 km (12 mi) NE. of Rock Harbor, Key Largo, Monroe County.
Chadwick Beach cotton mouse ( <u>Peromyscus gossypinus restrictus</u> )	SSC	N.D.
Key Largo woodrat ( <u>Neotoma floridana smalli</u> )	E      UR	The island of Key Largo, off the southern tip of Florida peninsula.
Continued		

Table FSH 43 . Continued .

Species Name and scientific name	Legal Status GFWFC USFWS	Range
Florida black bear ( <u><i>Ursus americanus floridanus</i></u> )	T	Florida in Apalachicola National Forest (Liberty and Franklin Counties), Osceola National Forest (mainly in Baker County) and swamps along the NE. coast from the Georgia line S. to Seminole County, smaller populations throughout the State as far S. as the edge of the Everglades, Big Cypress swamp and well into the western panhandle.
Key Vaca raccoon ( <u><i>Procyon lotor auspicatus</i></u> )	T	Middle Florida Keys (Monroe County). Type locality is Marathon, Key Vaca.
Everglades mink ( <u><i>Mustela vison evergladensis</i></u> )	T	Southern one-third of Florida peninsula, in Big Cypress Swamp, in portions of true Everglades or "river of grass" region, and around the shores of Lake Okeechobee. Type locality Tamiami Trail (U.S. Rt 41), 8 km (5 mi) SE. of Royal Palm Hammock, Collier County.
River otter ( <u><i>Lutra canadensis</i></u> )	UR	N.D.
Florida panther ( <u><i>Felis concolor coryi</i></u> )	E	Originally lower southeastern U.S., but probably do not exist in the eastern U.S. except in Florida.

Continued

Table FSH 43 . Continued .

Species Name and scientific name	Legal Status		Range
	GFWFC	USFWS	
Bobcat ( <u>Lynx rufus</u> )		UR	N.D.
Caribbean manatee ( <u>Trichechus manatus latirostris</u> )	E	E	N.D.
Key deer ( <u>Odocoileus virginianus clavium</u> )	T	E	Big Pine Key, Monroe County. Majority found within boundaries of Key Deer National Wildlife Refuge.
Blue whale ( <u>Balaenoptera musculus</u> )	E	E	N.D.
Fin whale ( <u>Balaenoptera physalus</u> )	E	E	N.D.
Sei whale ( <u>Balaenoptera borealis</u> )	E	E	N.D.
Humpback whale ( <u>Megaptera novaeangliae</u> )	E	E	N.D.
Sperm whale ( <u>Physeter catodon</u> )	E	E	N.D.

Continued

Table FSH 43. Continued.

Species Name and scientific name	Legal Status GFWFC USFWS	Range
<u>Plants</u>		
Chapman's rhododendron ( <u>Rhododendron chapmanii</u> )	E	Gadsen, Liberty, and Gulf Counties in region of Apalachicola River and in a small disjunct population in Clay County, northern peninsular Florida, Apalachicola National Forest, Franklin County, FL.
Harper's beauty ( <u>Harperocallis flava</u> )	E	Apalachicola National Forest, Franklin County, FL.
Rat-tail orchid ( <u>Bulbophyllum pachyrhachis</u> )	N.D. N.D.	Florida, only the Fakahatchee Strand in Collier County.
Leafless orchid ( <u>Campylocentrum pachyrrhizum</u> )	N.D. N.D.	Florida, only the Fakahatchee Strand in Collier County.
Dollar orchid ( <u>Encyclia boothiana</u> )	N.D. N.D.	Florida, once rather common in Dade and Monroe Counties, but now only in a few remote sites.
Hidden orchid ( <u>Maxillaria crassifolia</u> )	N.D. N.D.	Only in Fakahatchee Slough, Collier County.
Snake orchid ( <u>Restrepia ophiocephala</u> )	N.D. N.D.	Only in Fakahatchee Strand, Collier County.

Continued

Table FSH 43. Continued.

<u>Species</u> <u>Name and scientific name</u>	<u>Legal Status</u> <u>GFWFC</u> <u>USFWS</u>	Range
Young-palm orchid ( <u>Tropidia polystachya</u> )	N.D. N.D.	Hammocks in the vicinity of Miami, Dade County.
Cow-horn orchid ( <u>Cyrtopodium punctatum</u> )	N.D. N.D.	Most distant areas of the Big Cypress Swamp.
Night-scent orchid ( <u>Epidendrum nocturnum</u> )	N.D. N.D.	Florida, in secluded parts of Collier, Dade and Monroe Counties. In deepest parts of Fakahatchee Slough, Collier County.
Dancing-lady orchid ( <u>Oncidium variegatum</u> )	N.D. N.D.	Small area along the eastern coast of Martin and Palm Beach Counties.
Worm-vine orchid ( <u>Vanilla barbellata</u> )	N.D. N.D.	Southern Dade and Monroe Counties.
Tiny orchid ( <u>Lepanthopsis melanantha</u> )	N.D. N.D.	Western part of the Big Cypress Swamp in Collier County in southern peninsula, also the Fakahatchee Strand and in vicinity of Deep Lake in Collier County.
Cycads (all species)	N.D. N.D.	N.D.
Euphorbias (all succulent species)	N.D.	N.D.
Continued		

Table FSH 43 . Concluded .

<u>Species</u> <u>Name and scientific name</u>	<u>Legal Status</u>		Range
	<u>GFWFC</u>	<u>USFWS</u>	
Lignum-vitae ( <u>Guaiacum sanctum</u> )	N.D.	N.D.	Florida, only in the Florida Keys .
Cacti (all species)	N.D.	N.D.	N.D.
Tree cactus ( <u>Cereus robinii</u> )	N.D.	N.D.	On the Florida Keys .

Table FSH 44. Florida commercial fishing permits and leases by permit type by year for 1965<sup>a</sup>, 1970, 1971, 1972, 1973, 1974, 1975 and 1976 (Florida Department of Natural Resources, Division of Marine Resources ca. 1971-77; Florida State Board of Conservation 1966).

Type of permit	1965	1970	1971	1972
Crawfish	2,275	961	1,167	1,480
Stone crab	0	846	981	1,215
Bait shrimp	206	399	401	544
Croaker	0	27	10	8
Blue crab	0	0	73	102
Foreign crawfish importation	0	381	592	617
Shrimp landing	1,668	2,414	2,380	2,703
Out of state shrimp landing	292	259	253	296
Oyster land transportation	0	0	11	15
Oyster relaying	0	0	0	53
Oyster dredge	0	9	8	17
Marine mammal	0	0	142	100
Other	1,428	918	640	540
Florida	5,869	6,214	6,658	7,690

Type of permit	1973	1974	1975	1976
Crawfish	1,570	1,707	1,824	0
Stone crab	1,481	1,673	1,755	1,850
Bait shrimp	361	761	731	293
Croaker	1	7	6	0
Blue crab	806	1,161	1,128	1,762
Foreign crawfish importation	536	437	295	0
Shrimp landing	2,966	3,024	2,954	3,172
Out of state shrimp landing	314	307	390	512
Oyster land transportation	10	8	8	0
Oyster relaying	21	31	35	19
Oyster dredge	14	5	5	3
Marine mammal	50	59	37	0
Other	851	1,147	815	728
Florida	8,981	10,327	9,983	8,339

<sup>a</sup> No data prior to 1965.

Table FSH 45. Commercial fishing permits and leases by lease type in 1965  
(Florida State Board of Conservation 1966).

County	Oyster leases		Permits	
	Number	Acres	Bait shrimp	Shrimp landing
Bay	2	21	0	79
Escambia	0	10	0	313
Franklin	10	848	0	218
Gulf	2	110	0	10
Okaloosa	0	0	0	38
Santa Rosa	3	16	0	62
Walton	22	1,301	0	17
Region	39	2,306	0	737
Florida	329	8,743	206	1,668

Table FSH 46. Commercial fishing permits and leases by lease type in 1970  
(Florida Department of Natural Resources, Division of Marine Resources ca. 1971).

County	Oyster leases		Permits	
	Number	Acres	Bait Shrimp	Shrimp landing
Bay	3	70	0	0
Escambia	0	0	0	308
Franklin	12	1,207	0	157
Gulf	2	110	0	18
Okaloosa	0	0	0	43
Santa Rosa	2	144	0	61
Walton	24	1,392	0	22
Region	43	2,923	0	609
Florida	349	8,235	399	2,414



Table FSH 47. Commercial fishing permits and leases by lease type in 1971  
(Florida Department of Natural Resources, Division of Marine Resources ca.  
1972).

County	Oyster leases		Permits	
	Number	Acres	Bait shrimp	Shrimp landing
Bay	4	90	0	132
Escambia	0	0	0	203
Franklin	11	1,142	0	224
Gulf	2	57	0	19
Okaloosa	0	0	0	43
Santa Rosa	12	421	0	53
Walton	19	624	0	32
Region	48	2,334	0	706
Florida	326	6,888	N.D.	N.D.

Table FSH 48. Commercial fishing permits and leases by lease type in 1972  
(Florida Department of Natural Resources, Division of Marine Resources ca.  
1973).

County	Oyster leases		Permits	
	Number	Acres	Bait shrimp	Shrimp landing
Bay	3	69	25	138
Escambia	0	0	5	202
Franklin	10	825	2	283
Gulf	2	57	3	31
Okaloosa	0	0	5	44
Santa Rosa	16	473	6	1
Walton	16	392	1	39
Region	47	1,816	47	738
Florida	286	5,298	544	2,703

Table FSH 49. Commercial fishing permits and leases by lease type in 1973  
(Florida Department of Natural Resources, Division of Marine Resources ca. 1974).

County	Oyster leases		Permits	
	Number	Acres	Bait shrimp	Shrimp landing
Bay	3	69	18	141
Escambia	0	0	8	211
Franklin	9	622	5	411
Gulf	2	57	2	62
Okaloosa	0	0	1	50
Santa Rosa	13	422	6	26
Walton	5	104	0	31
Region	32	1,274	40	932
Florida	248	4,278	361	2,966

Table FSH 50. Commercial fishing permits and leases by lease type in 1974  
(Florida Department of Natural Resources, Division of Marine Resources ca. 1975).

County	Oyster leases		Permits	
	Number	Acres	Bait shrimp	Shrimp landing
Bay	3	69	40	164
Escambia	0	0	19	186
Franklin	9	622	9	358
Gulf	2	57	13	70
Okaloosa	0	0	3	49
Santa Rosa	13	422	8	24
Walton	3	43	2	35
Region	30	1,213	94	886
Florida	233	3,894	761	3,024

Table FSH 51. Commercial fishing permits and leases by lease type in 1975  
(Florida Department of Natural Resources, Division of Marine Resources ca.  
1976).

County	Oyster leases		Permits	
	Number	Acres	Bait shrimp	Shrimp landing
Bay	3	69	23	155
Escambia	0	0	18	183
Franklin	9	622	6	328
Gulf	2	57	8	86
Okaloosa	0	0	3	57
Santa Rosa	3	59	19	25
Walton	3	43	1	27
Region	20	850	78	861
Florida	197	3,104	731	2,954

Table FSH 52. Commercial fishing permits and leases by lease type in 1976  
(Florida Department of Natural Resources, Division of Marine Resources ca.  
1977).

County	Oyster leases		Permits	
	Number	Acres	Bait shrimp	Shrimp landing
Bay	3	69	11	174
Escambia	0	0	0	208
Franklin	9	622	0	249
Gulf	2	57	0	75
Okaloosa	0	0	0	57
Santa Rosa	2	17	0	19
Walton	3	43	0	41
Region	19	808	11	823
Florida	172	2,684	293	3,172

## INDUSTRIAL AND RESIDENTIAL DEVELOPMENT (IRD)

Table IRD 1. Housing characteristics in 1950 (U.S. Department of Commerce 1953a).

County	Total units	Single units detached	Trailers	Vacant units		
				Vacant for rent	Median rent	Vacant for sale Median value
Bay	13,648	10,244	168	552	51	28 N.D.
Escambia	31,332	24,867	238	825	43	123 7,450
Franklin	2,292	2,172	7	76	N.D.	10 N.D.
Gulf	2,294	2,146	8	80	N.D.	4 N.D.
Okaloosa	6,442	5,898	164	164	47	27 N.D.
Santa Rosa	3,937	4,607	27	91	N.D.	2 N.D.
Walton	3,062	4,223	12	26	N.D.	N.D.
Region	63,007	54,157	624	1,814	N.D.	194 N.D.
Florida	952,131	677,693	19,592	37,655	58.24	10,810 7,996

Continued

Table IRD 1. Concluded.

County	Occupied units				Median gross rent
	Owner occupied	Median value	Renter occupied	Median contract rent	
Bay	5,279	3,565	5,090	34	38
Escambia	14,971	4,738	11,991	30	31
Franklin	932	1,805	658	13	18
Gulf	808	3,074	993	16	24
Okaloosa	2,178	3,261	3,097	48	46
Santa Rosa	1,770	2,346	1,481	28	30
Walton	1,551	1,851	912	16	21
Region	27,489	N.D.	24,222	N.D.	N.D.
Florida	473,124	6,612	348,377	38	39

Table IRD 2. Housing characteristics in 1960 (U.S. Department of Commerce 1963a).

County	Total units	Single units detached	Trailers	Vacant units		
				Vacant for rent	Median rent	Vacant for sale Median value
Bay	21,680	17,987	987	958	56	259 10,600
Escambia	52,256	42,955	1,672	2,014	53	859 12,400
Franklin	3,101	2,590	44	73	N.D.	29 N.D.
Gulf	3,581	3,166	88	319	48	13 N.D.
Okaloosa	17,943	14,048	1,375	668	58	216 12,400
Santa Rosa	8,673	7,527	343	203	49	123 N.D.
Walton	5,591	5,353	88	22	N.D.	37 N.D.
Region	112,825	93,626	4,597	4,257	N.D.	1,536 N.D.
Florida	1,776,961	1,310,549	65,087	71,449	68	37,840 13,300

Continued

Table IRD 2. Concluded.

County	Occupied units				Median gross rent <sup>a</sup>
	Owner occupied	Median value	Renter occupied	Median contract rent	
Bay	9,714	8,500	7,014	53	71
Escambia	29,334	9,400	14,068	50	61
Franklin	1,180	5,400	656	24	47
Gulf	1,466	7,400	1,099	34	51
Okaloosa	6,583	10,400	7,212	70	82
Santa Rosa	3,809	8,900	2,014	51	59
Walton	2,377	5,000	982	30	46
Region	54,463	N.D.	33,045	N.D.	N.D.
Florida	896,026	11,800	497,604	60	71

<sup>a</sup> Calculated from the contract rent by adding the cost of utilities and fuel.



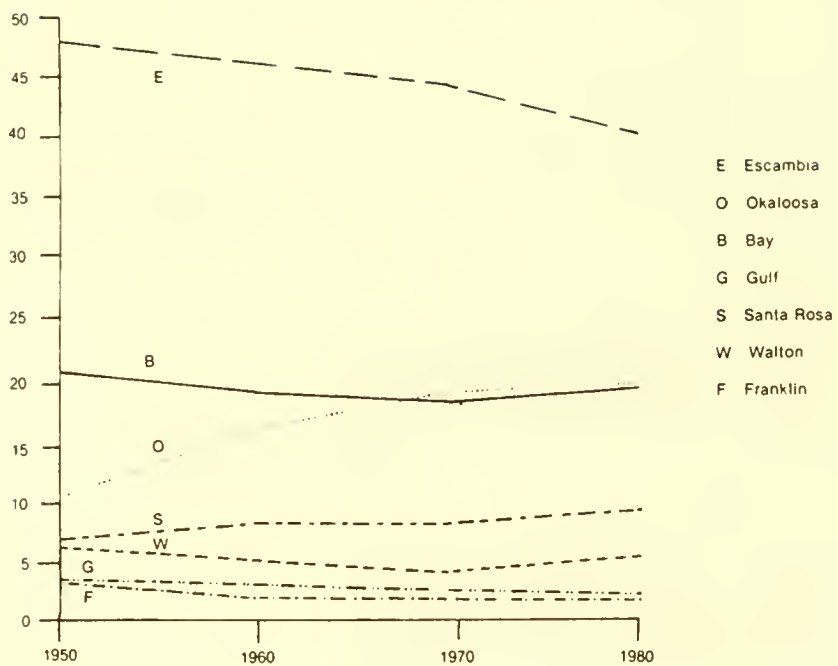


Figure 10. Total housing units by county as a percentage of the Northwest Florida region for 1975-79 (Florida Statistical Abstract 1976, 1978, 1980).

Table IRD 3. Housing characteristics in 1970 (U.S. Department of Commerce 1972b).

County	Total units	Single units detached	Trailers	Vacant units		
				Vacant for rent	Median rent	Vacant for sale Median value
Bay	26,978	20,675	2,577	1,104	69	313
Escambia	65,141	53,809	3,466	2,322	65	715
Franklin	3,409	2,594	199	100	42	104
Gulf	3,795	3,386	151	164	33	40
Okaloosa	27,296	19,261	3,531	1,209	85	350
Santa Rosa	12,151	9,953	1,166	433	99	250
Walton	6,597	5,383	465	223	52	38
Region	145,367	115,061	11,555	5,555	N.D.	1,810
Florida	2,526,612	2,488,968	151,554	85,417	99	22,490

Continued

Table IRD 3. Concluded.

County	Occupied units				Median gross rent
	Owner occupied	Median value	Renter occupied	Median contract rent	
Bay	15,880	10,800	7,523	66	91
Escambia	42,566	12,100	17,821	69	92
Franklin	1,801	6,200	628	38	60
Gulf	2,261	7,900	740	41	66
Okaloosa	15,085	14,400	9,830	94	114
Santa Rosa	7,891	12,000	2,955	79	100
Walton	4,166	6,800	1,104	44	66
Region	89,650	N.D.	40,601	N.D.	N.D.
Florida	1,269,486	15,000	699,829	92	N.D.

Table IRD 4. Mobile home registrations for 1955, 1960, 1965, FY 1969-70, FY 1974-75 and FY 1979-80 (Florida Department of Highway Safety and Motor Vehicles, Division of Motor Vehicles, unpublished data, 1981).

County	1955	1960	1965	1969-70	Mobile home 1974-75	Real property <sup>a</sup> 1975-75	Total <sup>b</sup> 1974-75
Bay	549	941	294	2,008	3,729	395	4,124
Escambia	593	1,109	407	3,031	4,094	394	4,488
Franklin	14	23	29	80	128	43	171
Gulf	23	25	18	84	116	101	217
Okaloosa	180	457	540	2,239	3,096	324	3,420
Santa Rosa	54	161	91	391	765	253	1,018
Walton	23	36	40	114	262	229	491
Region	1,436	2,752	1,419	7,947	12,190	1,739	13,929
Florida	49,387	89,053	62,427	180,927	327,246	19,785	347,031

Continued

Table IRD 4. Concluded.

County	Mobile home 1979-80	Real property <sup>a</sup> 1979-80	Total <sup>b</sup> 1979-80
Bay	3,837	356	4,193
Escambia	4,360	336	4,696
Franklin	193	50	243
Gulf	156	47	203
Okaloosa	2,153	276	2,429
Santa Rosa	705	179	884
Walton	280	173	453
Region	11,684	1,417	13,101
Florida	448,652	25,664	474,316

<sup>a</sup> Mobile homes permanently secured to property and taxed as real property.<sup>b</sup> Reflects both mobile home registrations and real property mobile home registrations.

Table IRD 5. Population and housing unit counts for 1970 and 1980<sup>a</sup> (U.S. Department of Commerce 1980c).

County	Population	Population	Housing units	
	1970	1980	1970	1980
Bay	75,283	97,175	26,978	42,856
Escambia	205,334	228,657	65,141	88,413
Franklin	7,065	7,530	3,409	4,525
Gulf	10,096	10,451	3,795	4,722
Okaloosa	88,187	109,717	27,296	43,094
Santa Rosa	37,741	55,751	12,151	20,338
Walton	16,087	21,148	6,597	10,926
Region	439,793	530,429	145,367	214,874
Florida	6,791,418	9,567,112	2,527,596	4,357,870

<sup>a</sup> These data reflect preliminary 1980 census population and housing unit counts for the State by counties, as of April 1, 1980. Figures include both occupied and vacant housing units.

Table IRD 6. New housing units authorized in permit-issuing places in 1965<sup>a</sup>  
(U.S. Department of Commerce 1966b).

County	Total	1 unit	2 units	3 or 4 units	5 units or more
Bay	223	161	N.D.	28	34
Escambia <sup>b</sup>	1,830	1,367	20	3	440
Franklin	3	1	2	N.D.	N.D.
Gulf	22	22	N.D.	N.D.	N.D.
Okaloosa	580	463	4	9	104
Santa Rosa	N.D.	N.D.	N.D.	N.D.	N.D.
Walton	N.D.	N.D.	N.D.	N.D.	N.D.

<sup>a</sup> No Florida totals for 1965.

<sup>b</sup> All land areas of this county covered by permit-issuing systems.

Table IRD 7. New housing units authorized in permit-issuing places in 1970  
(U.S. Department of Commerce 1971c).

County	Total	1 unit	2 units	3 or 4 units	5 units or more
Bay	544	272	N.D.	4	268
Escambia <sup>a</sup>	2,626	1,589	104	152	772
Franklin	7	7	N.D.	N.D.	N.D.
Gulf	6	6	N.D.	N.D.	N.D.
Okaloosa	397	259	4	N.D.	134
Santa Rosa	38	7	2	11	18
Walton	N.D.	N.D.	N.D.	N.D.	N.D.
Florida	104,239	42,440	4,926	2,950	53,923

<sup>a</sup> All land areas of this county covered by permit-issuing systems.



Figure 11. Building permits in the Northwest Florida region for 1975-79 (Florida Statistical Abstract 1976, 1978, 1980).



Table IRD 8. New housing units authorized in permit-issuing places in 1975 (U.S. Department of Commerce 1976b).

County	Total	1 unit	2 units	3 or 4 units	5 units or more
Bay	242	219	14	9	N.D.
Escambia <sup>a</sup>	1,406	1,271	98	31	6
Franklin	74	74	N.D.	N.D.	N.D.
Gulf	14	14	N.D.	N.D.	N.D.
Okaloosa	340	310	30	N.D.	N.D.
Santa Rosa	54	48	6	N.D.	N.D.
Walton	N.D.	N.D.	N.D.	N.D.	N.D.
Florida	46,591	33,899	2,914	1,477	8,301

<sup>a</sup> All land areas of this county covered by permit-issuing systems.

Table IRD 9. New housing units authorized in permit-issuing places in 1979 (U.S. Department of Commerce 1980c).

County	Total	1 unit	2 units	3 or 4 units	5 units or more
Bay <sup>a</sup>	820	604	74	36	106
Escambia	2,043	1,376	162	45	460
Franklin <sup>a</sup>	92	92	N.D.	N.D.	N.D.
Gulf	42	42	N.D.	N.D.	N.D.
Okaloosa	253	222	8	N.D.	23
Santa Rosa <sup>a</sup>	835	766	42	17	N.D.
Walton <sup>a</sup>	24	24	N.D.	N.D.	N.D.
Region	4,109	3,126	--	--	--
Florida	104,239	42,440	4,926	2,950	53,923

<sup>a</sup> All land areas of these counties covered by permit-issuing systems.

Table IRD 10. Housing units in 1950, 1960, 1970 and 1980 and numerical increase in 1950-60, 1960-70 and 1970-80 (U.S. Department of Commerce 1953a, 1963a, 1972b, 1981b).

Area	Total units (1,000)				Numerical increase during decade		
	1950	1960	1970	1980	1950-60	1960-70	1970-80
Region	64.7	112.9	145.4	215.2	48.2	32.3	69.8
Florida	952.1	1,770.0	2,527.6	4,374.8	824.9	749.6	1,847.2
Regional percentage	6.8	6.4	5.7	4.9	5.8	4.3	3.8

Table IRD 11. Housing units in 1950, 1960, 1970 and 1980 and numerical increase in 1950-60, 1960-70 and 1970-80 (U.S. Department of Commerce 1953a, 1963a, 1972b, 1981b).

County	Total units (1,000)				% share of increase during decade		
	1950	1960	1970	1980	1950-60	1960-70	1970-80
Bay	13.6	21.7	27.0	42.9	16.8	16.4	22.9
Escambia	31.3	52.3	55.1	77.6	43.5	39.6	33.8
Franklin	2.3	3.1	3.4	4.5	1.6	0.9	1.6
Gulf	2.3	3.6	3.8	4.7	2.7	0.6	1.3
Okaloosa	6.4	17.9	27.3	43.1	23.9	29.1	22.8
Santa Rosa	4.6	8.7	12.2	20.4	8.5	10.8	11.7
Walton	4.2	5.6	6.6	10.9	2.9	3.1	6.2
Region	64.7	112.9	145.4	215.2	N.D.	N.D.	N.D.

Table IRD 12. Detached single-family dwelling unit building permits issued in 1975-79 (Florida statistical abstract 1976, 1978, 1980).

County	Total building permits issued	% of total permits issued for single-family units
Bay	4,636	75.9
Escambia	8,706	77.1
Franklin	480	84.2
Gulf	105	100.0
Okaloosa	3,290	87.1
Santa Rosa	1,002	90.2
Walton	257	99.2
Region	18,476	80.0

Table IRD 13. Number of mobile homes for 1950, 1960 and 1970 (U.S. Department of Commerce 1963a, 1972b).

County	1950	1960	1970
Bay	168	987	2,577
Escambia	238	1,672	3,466
Franklin	7	44	199
Gulf	8	88	151
Okaloosa	164	1,375	3,531
Santa Rosa	27	343	1,166
Walton	12	88	465
Region	624	4,597	11,555

Table IRD 14. Multi-family dwelling unit building permits issued from 1975-79 (Florida statistical abstract 1976, 1978, 1980).

County	Total building permits issued	% of total permits issued for multi-family units
Bay	4,636	24.1
Escambia	8,706	22.9
Franklin	480	15.8
Gulf	105	
Okaloosa	3,290	12.9
Santa Rosa	1,002	9.8
Walton	257	0.8
Region	18,476	20.0

Table IRD 15. Year-round housing units lacking some or all plumbing facilities (U.S. Department of Commerce 1972b).

County	Total housing units	Housing units lacking some or all plumbing facilities	%
Bay	26,978	1,694	4.4
Escambia	65,141	4,617	7.1
Franklin	3,409	567	16.6
Gulf	3,795	588	15.5
Okaloosa	27,296	1,137	4.2
Santa Rosa	12,515	1,099	9.0
Walton	6,597	1,073	16.3
Region	145,367	10,775	7.4

Table IRD 16. Rental units as a percentage of total units in 1970 (U.S. Department of Commerce 1972b).

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County	Rental units as a % of total units
<hr/>	
Bay	32 .0
Escambia	30 .9
Franklin	21 .4
Gulf	23 .8
Okaloosa	40 .4
Santa Rosa	27 .9
Walton	20 .1
Region	31 .8
Florida	31 .3

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Table IRD 17. Comparisons of total housing units and vacancies between the region and the state in 1950, 1960 and 1970 (U.S. Department of Commerce 1963, 1972).

	1950	1960	1970
Total units			
Region	64,838	112,825	145,367
Florida	952,131	1,776,961	2,526,612
Region's share of Florida	6.8	6.3	5.8
Vacancies			
Region	2,008	5,793	7,365
Florida	48,465	109,289	107,917
Region's share of Florida	4.1	5.3	6.8

Table IRD 18. Number of vacant units and percent of vacant units to total units for 1950, 1960 and 1970 (U.S. Department of Commerce 1963, 1972).

County	Number of vacant units			Percent of vacant units to total units		
	1950	1960	1970	1950	1960	1970
Bay	580	1,217	1,417	4.2	5.6	5.3
Escambia	948	2,873	3,037	3.0	5.5	4.7
Franklin	86	102	204	3.8	3.3	6.0
Gulf	84	332	204	3.7	9.3	5.4
Okaloosa	191	884	1,559	3.0	4.9	5.7
Santa Rosa	93	326	683	2.0	3.8	5.6
Walton	26	59	261	0.6	1.1	4.0
Region	2,008	5,793	7,365	3.1	5.1	5.1

Table IRD 19. Vacancies for rent and sale for 1950, 1960 and 1970 (U.S. Department of Commerce 1963, 1972).

County	Vacancies for rent			Vacancies for sale		
	1950	1960	1970	1950	1960	1970
Bay	552	958	1,104	28	259	313
Escambia	825	2,014	2,322	123	859	715
Franklin	76	73	100	10	29	104
Gulf	80	319	164	4	13	40
Okaloosa	164	668	1,209	27	216	350
Santa Rosa	91	203	433	2	123	250
Walton	26	22	223		37	38
Total	1,814	4,257	5,555	194	1,536	1,810

Table IRD 20. Projected number of housing units for 1990 and 2000<sup>a</sup> (Rubino 1981).

County	Persons per housing unit	1980	1990	2000
Bay	2.3	42,900	54,700	63,500
Escambia	2.6	88,661	107,600	125,000
Franklin	1.7	4,497	5,600	6,500
Gulf	2.2	4,741	5,700	6,600
Okaloosa	2.6	43,099	53,600	62,300
Santa Rosa	2.8	20,356	26,200	30,500
Walton	2.0	10,918	13,200	15,300
Region	2.5	215,172	226,600	309,700

<sup>a</sup> Projections derived from taking the number of persons per housing unit (U.S. Department of Commerce) and extrapolating on the basis of population projections in County Economic Data (Florida Department of Commerce 1979).)

Table IRD 21. Non-agricultural employment in Bay County for 1956, 1965 and 1978 (Florida statistical abstract 1980).

Selected classifications	Employment			Percent change
	1956	1965	1978	1956-78
Construction	893	1,539	2,194	42 .6
Manufacturing	3,563	2,562	3,187	24 .4
paper and allied				
products	D <sup>a</sup>	D	F <sup>b</sup>	
chemicals and				
allied products	N.D.	D	E <sup>c</sup>	
Transportation and public utilities	822	931	1,556	67 .1
Communication	D	250	641	156 .4
Wholesale trade	670	759	1,259	65 .9
Retail trade	2,635	3,178	7,530	136 .9
eating and				
drinking places	(445)	(557)	(2,456)	(340 .9)
Finance, insurance and real estate	508	624	1,635	162 .0
Services	1,355	1,698	4,924	190 .0
hotels and other				
lodging places	(541)	(476)	(1,338)	(181 .1)
health services	(157)	(227)	(1,289)	(467 .8)

<sup>a</sup> Figures withheld to avoid disclosure of individual establishments.

<sup>b</sup> 250-499 employees.

<sup>c</sup> 500-999 employees.



Table IRD 22. Non-agricultural employment in Escambia County for 1956, 1965 and 1978 (Florida statistical abstract 1980).

Selected classifications	Employment			Percent change
	1956	1965	1978	1956-78
Mining	N.D.	N.D.	373	N.D.
Construction	2,660	4,579	5,830	27.3
Manufacturing	9,916	12,372	11,636	-6.0
paper and allied products	(2,997)	(2,494)	G <sup>a</sup>	N.D.
chemicals and allied products	(4,914)	D <sup>b</sup>	I <sup>c</sup>	N.D.
Transportation and public utilities	2,227	2,604	3,609	38.6
Communication	505	726	G	N.D.
Wholesale trade	2,208	2,120	3,336	57.4
Retail trade	6,299	8,252	15,670	89.9
eating and drinking places	(1,154)	(1,589)	(4,207)	(164.8)
Finance, insurance and real estate	1,270	1,954	3,687	88.9
Services	2,809	5,322	14,783	177.8
health services	(330)	(1,600)	(5,491)	(243.2)

<sup>a</sup> 1,000-2,499 employees.

<sup>b</sup> Figures withheld to avoid disclosure of individual establishments.

<sup>c</sup> 5,000-9,999 employees.

Table IRD 23. Non-agricultural employment in Franklin County for 1956, 1965 and 1978 (Florida statistical abstract 1980).

Selected classifications	Employment		
	1956	1965	1978
Construction	24	D <sup>a</sup>	A <sup>b</sup>
Manufacturing food and kindred products	58 N.D.	136 (106)	211 (173)
Transportation and public utilities	D	27	52
Wholesale trade	260	288	225
Retail trade	181	204	251
Finance, insurance and real estate	13	D	85
Services	56	89	77

<sup>a</sup> Figures withheld to avoid disclosure of individual establishments.

<sup>b</sup> 0-19 employees.

Table IRD 24. Non-agricultural employment in Gulf County for 1956, 1965 and 1978 (Florida statistical abstract 1980).

Selected classifications	Employment		
	1956	1965	1978
Construction	116	73	39
Manufacturing paper and allied products	1,443 <sub>D</sub> <sup>b</sup>	1,113 <sub>D</sub>	F <sup>a</sup> F
Transportation and public utilities	226	164	126
Wholesale trade	79	75	28
Retail trade	283	331	E <sup>c</sup>
Finance, insurance and real estate	74	47	81
Services	119	93	153

<sup>a</sup> 500-999 employees.

<sup>b</sup> Figures withheld to avoid disclosure of individual establishments.

<sup>c</sup> 250-499 employees.

Table IRD 25. Non-agricultural employment in Okaloosa County for 1956, 1965 and 1978 (Florida statistical abstract 1980).

Selected classifications	Employment			Percent change
	1956	1965	1978	1956-78
Construction	463	1,156	2,115	83.0
Manufacturing	446	671	2,385	255.4
Transportation and public utilities	226	518	1,137	119.5
Communication	D <sup>a</sup>	D	E <sup>b</sup>	N.D.
Wholesale trade	152	294	553	88.1
Retail trade	1,335	2,714	6,804	150.7
eating and drinking places	(279)	(548)	(1,966)	(258.8)
Finance, insurance and real estate	216	395	1,693	328.6
Services	581	2,327	4,486	92.8
hotels and other lodging places	(131)	(361)	(1,017)	(181.7)
health services	(63)	(80)	(1,073)	(1,341.3)

<sup>a</sup> Figures withheld to avoid disclosure of individual establishments.

<sup>b</sup> 250-499 employees.

Table IRD 26. Non-agricultural employment in Santa Rosa County for 1956, 1965 and 1978 (Florida statistical abstract 1980).

Selected classifications	Employment		
	1956	1965	1978
Mining	0 <sup>a</sup>	0	375
Construction	199	526	1,036
Manufacturing	316	1,818	6 <sup>b</sup>
Transportation and public utilities	51	173	283
Communication	N.D.	N.D.	61
Wholesale trade	17	120	0 <sup>c</sup>
Retail trade eating and drinking places	364 (65)	697 (117)	1,774 (370)
Finance, insurance and real estate	48	174	335
Services hotels and other lodging places	122 N.D.	230 (30)	890 (72)

<sup>a</sup> Figures withheld to avoid disclosure of individual establishments.

<sup>b</sup> 1,000-2,499 employees.

<sup>c</sup> 100-249 employees.

Table IRD 27. Non-agricultural employment in Walton County for 1956, 1965 and 1978 (Florida statistical abstract 1980).

Selected classifications	Employment		
	1956	1965	1978
Construction	154	178	172
Manufacturing	165	312	778
food and kindred products	N.D.	(D) <sup>a</sup>	(E) <sup>b</sup>
lumber and wood products	(107)	(D)	(145)
Transportation and public utilities	74	92	137
Wholesale trade	73	47	142
Retail trade	520	486	684
Finance, insurance and real estate	32	72	87
Services	190	(D)	285

<sup>a</sup> Figures withheld to avoid disclosure of individual establishments.

<sup>b</sup> 250-499 employees.

Table IRD 28. Growth in manufacturing employment for 1970 and 1978 (Florida Department of Commerce 1980b).

County	Manufacturing employment		Percent change 1970-78
	1970	1978	
Bay	2,896	3,686	27.3
Escambia	12,712	11,305	-11.1
Franklin	242	182	-24.8
Gulf	1,287	1,265	-1.7
Okaloosa	1,640	3,350	104.3
Santa Rosa	1,695	1,814	7.0
Walton	335	688	105.4
Region	20,807	22,290	7.1
Florida	320,565	419,561	30.9

Table IRD 29. Relative importance of manufacturing in 1978 (Florida Department of Commerce 1980b).

County	Employment in manufacturing as a percent of total employment	Personal income generated by manufacturing as a percent of total personal income
Bay	9.1	13.6
Escambia	11.2	17.1
Franklin	8.5	7.8
Gulf	29.3	41.2
Okaloosa	7.0	8.7
Santa Rosa	12.1	19.9
Walton	12.9	13.7
Region	N.D.	N.D.
Florida	11.0	13.6

Table IRD 30. Growth in manufacturing establishments in 1970-78 (Florida Department of Commerce 1980b).

County	Number of establishments		Numerical change 1970-78
	1970	1978	
Bay	82	85	3
Escambia	129	145	16
Franklin	19	25	6
Gulf	16	11	-5
Okaloosa	38	61	23
Santa Rosa	14	22	8
Walton	15	14	-1
Region	313	363	50



Table IRD 31. Number of persons employed by manufacturing product type or activity in Bay County in 1979 (Florida Chamber of Commerce 1979).

Product type or activity	Employees			
	50-99 <sup>a</sup>	100-249	250-499	Over 500
Aluminum/steel boats	1	0	0	0
Brushes	1	0	0	0
Building materials	0	0	1	0
Can petroleum products	1	0	0	0
Concrete blocks, concrete	1	0	0	0
Concrete pipe, concrete	1	0	0	0
Condensors, packaged boilers	0	0	1	0
Fiberglass fixtures and paddleboats	1	0	0	0
Greenhouse systems mfg.	1	0	0	0
Hair barrets, rollers	0	0	1	0
Hot mix asphalt concrete	0	1	0	0
Linderboard and pulp	0	0	0	1
Newspaper	0	1	0	0
Oil, fatty acids, rosin, terpenes	0	0	1	0
Pine limber	0	1	0	0
Plastic houseware items	0	1	0	0
Seafood	0	1	0	0
Shipbuilding and repairing	1	0	0	0

<sup>a</sup> Firms employing less than 50 not shown.

Table IRD 32. New industries and expansions in Bay County since 1977  
(Industrial Development Research Council 1977-80).

City	Type of industry	New plant	Expansion	Year
Lynn Haven	Coal conveyor components	X		1978
Panama City	Sand-blasting and coating	X		1978
	Hair barrets, etc.		X	1978
	Chemicals		X	1978
	Steel pipe	X		1979
	Custom executive furniture	X		1979
	Fabric printing	X		1979
	Custom textile products	X		1979
	Fabricated steel	X		1980
	Industrial cranes and earth-moving equipment (Replaces and expands steam generating components plant built in 1972)		X	1980

Table IRD 33. Number of persons employed by manufacturing product type or activity in Escambia County in 1979 (Florida Chamber of Commerce 1979).

Product type or activity	Employees			
	50-99 <sup>a</sup>	100-249	250-499	Over 500
Aluminum and scrap processing	1	0	0	0
Bread & rolls	0	1	0	0
Chemicals & materials	0	0	1	0
Concrete structural products	0	1	0	0
Dairy products	1	0	0	0
Electronic controls, sheetmetal enclosures	1	0	0	0
Fabricated, structural steel	1	0	0	0
Fiber ceiling systems	0	0	0	1
Machine and plate work, ship building	1	0	0	0
Mobile homes	1	0	0	0
Newspaper	0	0	1	0
Nuclear power reactor parts	0	0	0	1
Nylon yard, industrial organic chemicals	0	0	0	1
Paper bags, roll print	0	0	0	1
Paving materials	0	1	0	0
Pine poles	1	0	0	0
Publications, printing	1	0	0	0
Soft drinks	1	1	0	0
Steel and wood doors	0	0	1	0
Steel drums and barrels	1	0	0	0
Steel processing	0	1	0	0
Synthetic resins	1	0	0	0
Treated poles and posts	1	0	0	0
Wrapping, paperboard and paper	0	0	0	1
Wood naval stores, pine oil and rosin	0	0	1	0

<sup>a</sup> Firms employing less than 50 not shown.

Table IRD 34. New industries and expansions in Escambia County since 1977 (Industrial Development Research Council 1977-80).

City	Type of industry	New plant	Expansion	Year
Pensacola	Paper products		X	1979
	Air products		X	1979
	Engineering association	X		1979
	Nylon carpet staples		X	1979
	Chemical plant	X		1979

Table IRD 35. Number of persons employed by manufacturing product type or activity in Gulf County in 1979 (Florida Chamber of Commerce 1981).

Product type or activity	Employment	
	100-249 <sup>a</sup>	Over 500
Magnesium oxide, periclase	1	0
Corrugated containers	1	0
Paperboard, woodpulp	0	1
Rosin, vegetable oil and fatty acids	1	0

<sup>a</sup> Firms employing less than 50 not shown. There were no firms employing 50-99 employees.

Table IRD 36. Number of persons employed by manufacturing product type or activity in Okaloosa County in 1979 (Florida Chamber of Commerce 1981).

Product type or activity	Employees			
	50-99 <sup>a</sup>	100-249	250-499	Over 500
Aircraft manufacture, fire suppression	0	0	1	0
Computer systems, signal systems, detection dences	1	0	0	0
Electronic components	0	0	1	0
Generators, lasers, wiring harnesses	0	1	0	0
Lingerie	0	0	1	0
Lumber, chips	1	0	0	0
Newspaper	1	0	0	0
Pine lumber and chips	0	1	0	0
Radar, cargo handling systems and timing systems	0	0	1	0
Radar, data systems and security systems	0	0	0	1
Underwear	0	1	0	0

<sup>a</sup> Firms employing less than 50 not shown.

Table IRD 37. New industries and expansions in Okaloosa County since 1977 (Industrial Development Research Council 1977-80).

City	Type of industry	New plant	Year
Crestview	Pulp chips and lumber	X	1977
Fort Walton Beach	Golf bags and accessories	X	1978
	Boats	X	1979
	turbine engine overhaul	X	1979

Table IRD 38. Number of persons employed by manufacturing product type or activity in Santa Rosa County in 1979 (Florida Chamber of Commerce 1981).

Product type or activity	Employment	
	250-499 <sup>a</sup>	Over 500
Acrylic fiber	0	1
Lingerie, loungewear	0	1
Methylamines, menthanol, resin and fertilizer	1	0

<sup>a</sup> Firms employing less than 50 not shown. There were no firms employing from 50-249 employees.

Table IRD 39. Number of persons employed by manufacturing product type or activity in Walton county in 1979 (Florida Chamber of Commerce 1981).

Product type or activity	Employment		
	50-99 <sup>a</sup>	100-249	250-499
Broiler processing and feed mill	1	0	0
Clothes	0	1	0
Pine lumber	1	0	0
Pulpwood, poles, plywood and logs	1	0	0

<sup>a</sup> Firms employing less than 50 not shown.

Table IRD 40. Projected employment<sup>a</sup> in selected manufacturing industries for 1990, 2000 and 2030 (U.S. Department of Commerce, Bureau of Economic Analysis 1979).

County and industry	Employment			
	1976 <sup>b</sup>	1990	2000	2030
<u>Bay</u>				
Total manufacturing	3,748	4,400	4,650	4,850
Food products		150	150	125
Apparel manufactures		300	300	300
Lumber and wood products		550	550	575
Paper products		1,025	1,025	950
Printing industry		225	250	300
Chemical products		350	400	525
Rubber and plastic products		175	200	225
Stone, clay and glass products		350	350	300
Fabricated metals industries		225	250	275
Machinery, excluding electrical		600	675	750
Miscellaneous manufactures		300	325	350
All other manufactures		150	175	175
<u>Escambia</u>				
Total manufacturing	11,214	11,550	11,625	11,900
Food products		675	675	650
Lumber and wood products		550	550	550
Paper products		1,775	1,700	1,600
Printing industry		700	775	900
Chemical products		5,775	5,875	6,200
Stone, clay and glass products		900	875	825
Fabricated metals industries		650	625	600
Machinery, excluding electrical		175	200	225
All other manufactures		350	350	350
<u>Franklin</u>				
Total manufacturing	159	175	200	200
Food products		125	150	150
All other manufactures		50	50	50

Continued

Table IRD 40. Concluded.

County and industry	Employment			
	1976 <sup>b</sup>	1990	2000	2030
<u>Okaloosa</u>				
Total manufacturing	1,673	2,000	2,150	2,325
Apparel manufactures		400	450	450
Lumber and wood products		200	200	200
Printing industry		150	175	225
Stone, clay and glass products		50	50	50
Machinery, excluding electrical		100	125	125
Electrical machinery		700	750	825
Transportation equipment		225	225	250
All other manufactures		175	175	200
<u>Santa Rosa</u>				
Total manufacturing	1,658	1,825	1,950	2,025
Food products		25	25	25
Apparel manufactures		725	800	800
Paper products		25	25	25
Chemical products		800	825	875
Stone, clay and glass products		150	175	200
All other manufactures		100	100	100

<sup>a</sup> Employment rounded to nearest 25 for projected years.

<sup>b</sup> Historical data not shown below division level to avoid disclosure of confidential data.



Table IRD 41. Electrical generation by fuel type by privately owned utilities serving the region (Florida Public Service Commission 1980).

Fuel type	Florida Power Corporation		Gulf Power Corporation	
	MWh	%	MWh	%
Coal	3,811,782	21.9	6,000,522	90.4
Natural gas	1,373,976	7.9	627,562	9.4
Residual	7,443,897	42.8	1,651	0.1
Distillate	976,945	5.6	2,717	0.1
Nuclear	3,775,837	21.7	0	0
Total	17,382,437	100.0	6,632,452	100.0
% of State	18.5	0	7.0	0

Table IRD 42. Net generation by fuel type for Florida in 1965-79 (Florida Public Service Commission 1980).

Year	Coal	Fuel oil	Gas	Nuclear	Hydro	Other	Total
1965	5,399	17,019	7,556	0	298	0	30,273
1966	7,017	18,634	8,463	0	290	0	34,404
1967	9,534	18,965	9,391	0	286	0	38,176
1968	10,156	20,118	13,239	0	242	0	43,755
1969	10,199	21,962	16,405	0	273	0	48,840
1970	11,394	25,829	17,954	0	292	0	55,469
1971	11,184	31,822	17,403	0	253	0	60,662
1972	11,631	40,439	15,032	66	238	0	67,407
1973	14,625	42,313	14,602	4,681	231	0	76,452
1974	13,880	39,549	13,861	7,297	249	0	74,836
1975	12,592	44,045	12,586	8,370	232	0	77,825
1976	13,500	47,238	11,315	8,648	256	0	80,957
1977	15,118	41,454	12,452	17,537	239	0	86,803
1978	15,747	45,954	14,223	15,366	224	0	91,514
1979	18,301	45,034	15,113	15,396	247	0	94,090

Table IRD 43. Electricity sales to ultimate consumers within the region by class of service in percent of megawatt/hours (MWh) in 1979<sup>a</sup> (Florida Public Service Commission 1980).

Utility	Residential	Commercial	Industrial	Other
Florida Power Corp.	47.7	25.1	22.1	5.1
Gulf Power Corp.	43.8	25.0	30.0	2.7
Escambia River Cooperative	77.7	7.9	6.0	8.4
Gulf Coast Cooperative	81.5	9.7	7.4	1.4
Talquin Cooperative	78.4	5.6	11.4	4.6

<sup>a</sup> Alabama Electric Cooperative and Choctawhatchee Electric Cooperative were not reported for this year.

Table IRD 44. Electricity sales to ultimate customers within the region by class of service in megawatthours (MWh) in 1979 (Florida Public Service Commission 1980).

Utility	Residential	Commercial	Industrial	Other	Total
Florida Power Corp.	6,927,339	3,646,279	3,215,932	734,861	14,524,411
Gulf Power Corp.	2,225,026	1,269,357	1,552,364	14,396	5,061,143
Escambia River Cooperative	58,969	6,027	4,574	6,353	75,923
Gulf Coast Cooperative	57,470	6,872	5,200	1,009	70,551
Talquin Cooperative	223,051	15,816	32,570	13,048	284,485

Table IRD 45. History and forecast of net energy for load-GWH (millions of kW) in 1970-89 (Florida Electric Power Coordinating Group 1980).

Year	Florida Power Corp.	Gulf Power Corp.
1970	9,855	3,764
1971	10,961	4,072
1972	12,678	4,604
1973	14,817	4,978
1974	14,402	4,983
1975	15,237	5,148
1976	16,032	5,475
1977	17,134	5,823
1978	18,133	6,044
1979	18,812	6,030
AAGR <sup>a</sup>	7.4%	5.4%
1980	18,142 <sup>b</sup>	6,410
1981	19,266	6,433
1982	20,468	6,634
1983	21,666	6,880
1984	22,867	7,131
1985	23,945	7,398
1986	25,021	7,671
1987	26,007	7,954
1988	26,970	8,265
1989	27,886	8,553
AAGR	4.9%	3.3%

<sup>a</sup> Average annual growth rate in percent.

<sup>b</sup> Excludes Seminole energy.

Table IRD 46. Forecast of percent and quantity of fuel use by type for 1989  
(Florida Electric Power Coordinating Group 1980).

Type	1980		1989	
	% generation	quantity	% generation	quantity
Oil	49.4	78,312 thousand bbl	35.3	83,324 thousand bbl
Coal	19.3	9,260 thousand tons	46.7	30,030 thousand tons
Gas	13.1	132,409 thousand MCF	1.0	16,011 thousand MCF
Nuclear	18.2	196,000 billion Btu	16.8	269,000 billion Btu
Hydro	0.0	0	nil	0
Other	0.0	0	0.2	2.5 billion Btu

Table IRD 47. Telephone companies serving northwest Florida, by location of exchange in 1980 (Florida Public Service Commission 1981).

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Central Telephone Co., Tallahassee, FL

Okaloosa County	Baker, Crestview, Destin, Fort Walton Beach, Shalimar, Valparaiso
Walton County	DeFuniak Springs, Freeport, Glendale

Continental Telephone Co. of the South, Bonifay

Walton County	Santa Rosa Beach, Seagrove Beach
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Florida Telephone Co., Florala, AL

Okaloosa County	Laurel Hill
Walton County	Paxton

St. Joseph Telephone and Telegraph Co., Port St. Joe

Bay County	The Beaches, Tyndall A.F.B.
Franklin County	Alligator Point, Apalachicola, Carrabelle, Eastpoint
Gulf	Port St. Joe, Wewahitcka

Southern Bell Telephone and Telegraph Co., Miami

Bay County	Lynn Haven, Panama City, Panama City Beach, Youngstown-Fountain
Escambia County	Cantonment, Pensacola
Santa Rosa County	Gulf Breeze, Jay, Milton, Munson, Pace

Southland Telephone Co., Atmore, AL

Escambia County	Molino, Walnut Hill
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LAND USE PRACTICES AND MANAGEMENT (LU)

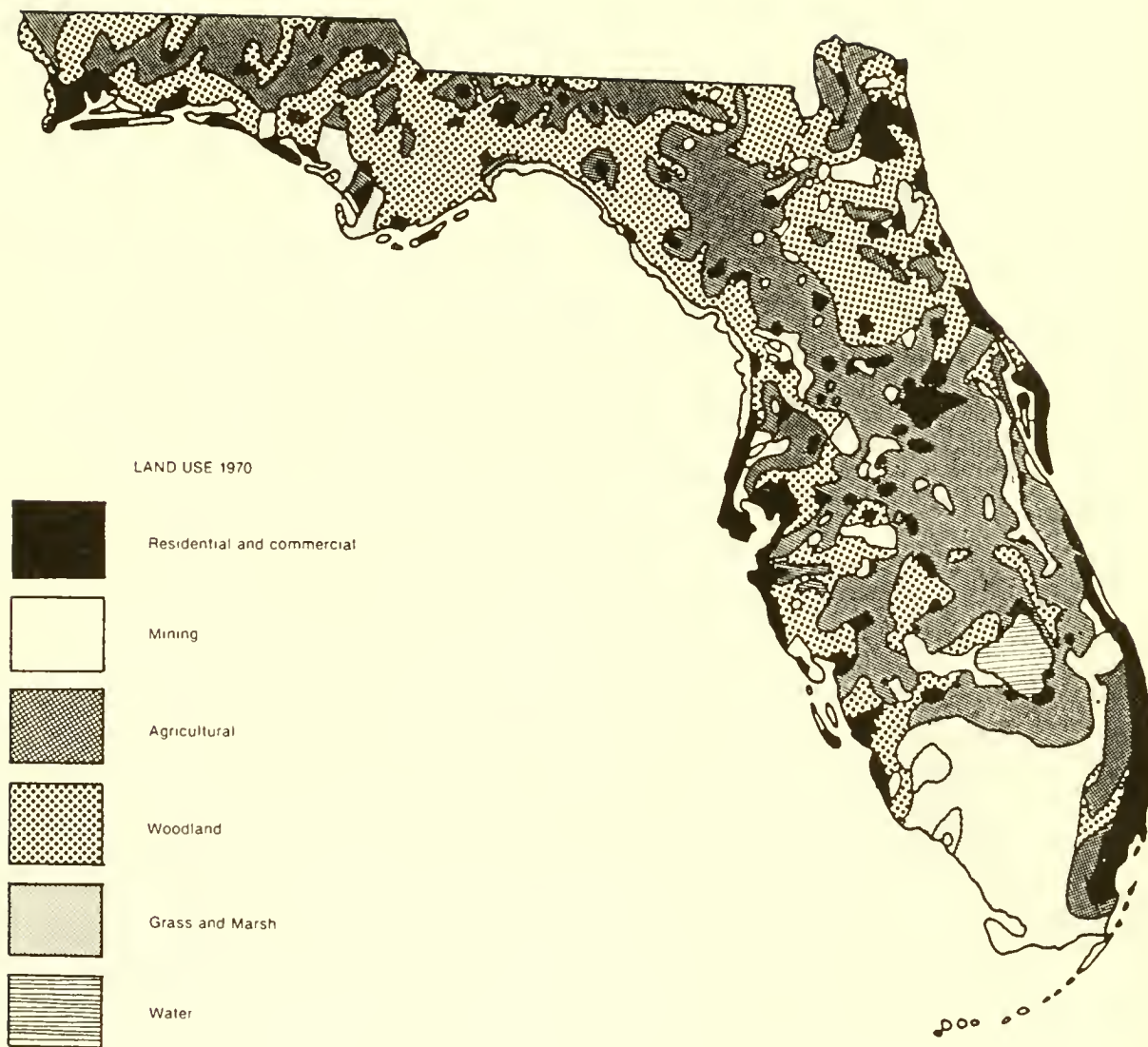


Figure 12. Florida land use in 1979 (Wood and Fernald 1974).





Figure 13. Environmentally endangered lands (Florida Power and Light Co. 1979).

Table LU 1. U.S. Geological Survey land use and land cover classification system<sup>a</sup> (Florida Department of Environmental Regulation 1980c).

Level I		Level II	
1	Urban or built-up land	11	Residential
		12	Commercial and services
		13	Industrial
		14	Transportation, communications and utilities
		16	Mixed urban or built-up land
		17	Other urban or built-up land
2	Agricultural land	21	Cropland and pasture
		22	Orchards, groves, vineyards, nurseries, and ornamental horticultural areas
		23	Confined feeding operations
		24	Other agricultural land
3	Rangeland	31	Herbaceous rangeland
		32	Shrub-brushland rangeland
		33	Mixed rangeland
4	Forest land	41	Deciduous forest land
		42	Evergreen forest land
		43	Mixed forest land
5	Water	51	Streams and canals
		52	Lakes
		53	Reservoirs
		54	Bays and estuaries
6	Wetland	61	Forested wetland
		62	Nonforested wetland
7	Barren land	71	Dry salt flats
		72	Beaches
		73	Sandy areas other than beaches
		74	Bare exposed rock
		75	Strip mines, quarries and gravel pits
		76	Transitional areas
		77	Mixed barren land

<sup>a</sup> To be used in conjunction with Table LU 2.

Table LU 2. Land use in 1973 (Florida Department of Environmental Regulation 1980).

County	Urban		LU11	LU12	LU13	LU14
	Hectares	% of county				
Bay	14,004	6.6	8,919	2,584	355	331
Escambia	27,359	14.0	17,555	5,072	1,106	1,785
Franklin	2,807	2.0	2,357	178	0	210
Gulf	2,165	1.5	1,466	156	130	64
Okaloosa	20,973	8.2	7,384	7,836	115	1,453
Santa Rosa	13,377	4.2	5,629	4,502	422	1,009
Walton	12,513	4.2	4,368	6,212	45	817
Region	93,198	N.D.	47,678	26,540	2,173	5,669

County	LU15	LU16	LU17
Bay	0	465	1,350
Escambia	0	387	1,454
Franklin	0	24	38
Gulf	0	37	312
Okaloosa	0	584	900
Santa Rosa	0	386	429
Walton	0	604	365
Region	0	2,487	4,848

Continued

Table LU 2. Continued.

County	Agricultural		LU21	LU22	LU23	LU24
	Hectares	% of county				
Bay	4,636	2.2	4,531	97	8	0
Escambia	27,761	14.2	27,458	202	13	88
Franklin	82	.1	78	0	0	0
Gulf	6,538	4.4	6,530	8	0	0
Okaloosa	23,800	9.3	23,671	51	16	62
Santa Rosa	37,560	12.7	36,828	616	11	105
Walton	43,466	14.7	42,974	364	85	43
Region	143,843	N.D.	142,070	1,338	133	298

County	Rangeland		LU31	LU32	LU33
	Hectares	% of county			
Bay	26	N.D.	0	26	0
Escambia	79	N.D.	0	79	0
Franklin	13	N.D.	13	0	0
Gulf	72	N.D.	0	72	0
Okaloosa	0	N.D.	0	0	0
Santa Rosa	25	N.D.	0	25	0
Walton	115	N.D.	0	115	0
Region	330	N.D.	13	317	0

Continued

Table LU 2. Continued.

County	Forest		LU41	LU42	LU43
	Hectares	% of county			
Bay	150,304	70.5	0	140,119	10,185
Escambia	97,768	50.1	101	84,435	13,232
Franklin	103,313	72.0	0	67,019	36,294
Gulf	92,451	62.7	19	65,441	26,991
Okaloosa	176,952	69.0	56	108,011	33,747
Santa Rosa	184,976	62.5	0	165,207	19,769
Walton	190,727	64.4	1,666	146,695	32,434
Region	996,491	N.D.	1,842	776,927	172,652

County	Water		LU51	LU52	LU53	LU54
	Hectares	% of county				
Bay	15,057	7.1	311	947	421	13,378
Escambia	22,930	11.8	354	87	357	22,132
Franklin	2,647	1.8	1,451	438	10	748
Gulf	3,424	2.3	503	2,693	76	152
Okaloosa	15,540	6.1	0	208	688	14,644
Santa Rosa	30,965	10.5	247	202	394	30,122
Walton	22,294	7.5	0	930	734	20,630
Region	112,857	N.D.	2,866	5,505	2,680	101,806

Continued

Table LU 2. Concluded.

County	Wetland		LU61	LU62
	Hectares	% of county		
Bay	25,006	11.7	22,198	2,808
Escambia	15,271	7.8	14,793	478
Franklin	33,324	23.2	25,391	7,933
Gulf	41,040	27.9	38,837	2,253
Okaloosa	15,273	6.0	14,548	191
Santa Rosa	26,635	9.0	23,626	3,009
Walton	23,562	8.0	22,610	832
Region	180,111	N.D.	162,003	17,504

County	Barren land		LU71	LU72	LU73	LU74
	Hectares	% of county				
Bay	4,174	2.0	0	1,247	0	0
Escambia	3,819	2.0	0	2,219	6	0
Franklin	1,314	.9	0	1,190	0	0
Gulf	1,795	1.2	0	599	0	0
Okaloosa	3,838	1.5	0	1,443	0	0
Santa Rosa	3,262	1.1	0	236	18	0
Walton	3,690	1.2	0	578	0	0
Region	21,892	N.D.	0	7,512	24	0

County	LU75	LU76	LU77
Bay	300	2,627	0
Escambia	872	722	0
Franklin	25	99	0
Gulf	53	1,143	0
Okaloosa	418	1,825	0
Santa Rosa	388	2,620	0
Walton	261	2,797	0
Region	2,317	11,833	0

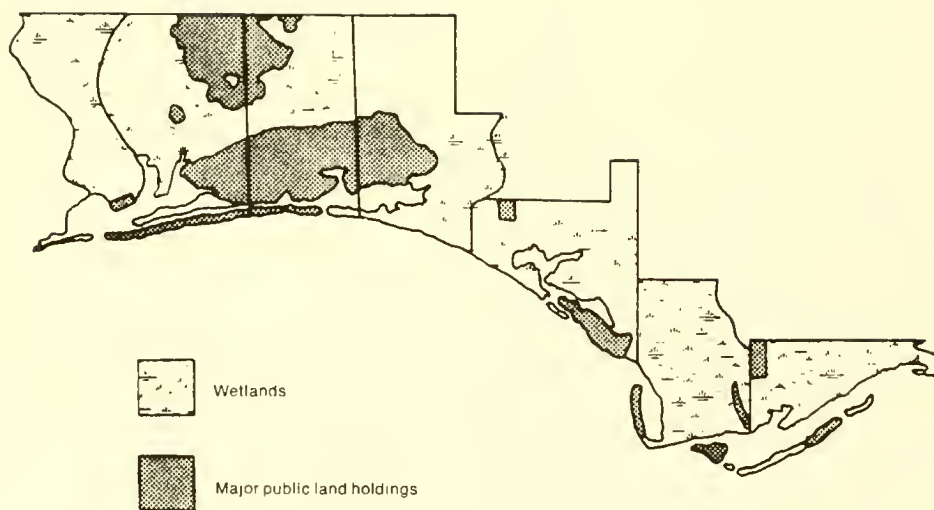


Figure 14. Major public land holdings and wetlands in Northwest Florida (Florida Department of Administration 1976).

Table LU 3. Description of key coastal zone biophysical elements<sup>a</sup> (Florida Department of Natural Resources, Division of Resource Management 1975b).

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Category:	Preservation
Description:	Those portions of the coastal zone identified as having major ecological, hydrological, physiographic, historical, or socio-economic importance to the public at large. Generally, these are the most stringently regulated portions of the coastal zone.
Subcategory:	Class I waters.
Description:	Surface fresh water used as a source of public water supplies. Definitive criteria for Class I waters are given in Chapter (ch.) 17-3 Florida Administrative Code.
Subcategory:	Class II waters.
Description:	Coastal waters which have either actually or potentially the capability of supporting shellfish propagation and harvesting. Class II waters are the most stringent water classification. Definitive criteria for Class II waters are given in ch. 17-3, Florida Administrative Code.
Subcategory:	Marine grass beds.
Description:	Submerged grassy areas essential to the propagation and nourishment of fisheries. Generally limited in depth to 6 to 10 feet but could be deeper in clearer water.
Subcategory:	Selected coastal marshes
Description:	For coastal areas covered by grassy, salt-tolerant vegetation subject to tidal ebbs and flow. Includes the "high marsh" above the main water line. These areas are vital to Florida's valuable marine fisheries. Marshes also perform important water quality, storm buffering and shore stabilization functions.

Continued



Table LU 3. Continued.

Subcategory:	Selected coastal mangroves.
Description:	Shore-fringing strands of red, black and/or white mangroves having major significance regarding maintenance of biological productivity, stabilization of shorelines or aesthetics. Includes the "high" mangroves above the mean high water line.
Subcategory:	Selected freshwater marshes and selected fresh-water swamps.
Description:	Low, poorly-drained water-tolerant vegetation. Included are swamps and marshes adjoining rivers as well as those having predominantly internal drainage.
Subcategory:	Gulf and Atlantic beaches and dunes.
Description:	Ocean-fronting beaches along the Gulf and Atlantic shorelines. The beach zone extends inland beyond the Mean High Water Line (MHW) to the coastal construction setback line and may extend inland one or more dunes.
Subcategory:	Selected estuarine beaches.
Description:	Selected estuarine beaches suitable for shore recreation with appropriate public access.
Subcategory:	Historical and archaeological sites.
Description:	Areas of outstanding historical or archaeological significance designated by either the Federal Government or the Florida Department of State, Division of Archives and History.

Continued

Table LU 3. Continued.

Subcategory:	Other unique environmental features.
Description:	Usual and natural features occupying a comparatively small geographic area, characteristic of a coastal region. Examples would be selected reefs, waterfalls, caves or caverns, sink-holes, springs, streams included in the "special stream classification" and bluffs.
Subcategory:	Wilderness areas.
Description:	Areas designated by the cabinet to be preserved in their natural state. Wilderness areas are characterized as being of one or more of the following principal types: 1. Biological 2. Aesthetic 3. Scientific
Category:	Conservation.
Description:	Those lands and waters of the coastal zone identified as having certain natural or institutional use limitations which require special precautions prior to conversion and development.
Subcategory:	Class III waters.
Description:	All coastal and inland waters not otherwise classified. Includes bays, rivers, lakes, estuaries and open waters of the territorial sea.

Continued

Table LU 3. Continued.

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Subcategory: Aquaculture leases.	
Description:	Leases granted for exclusive use of submerged bottom areas and the overlying water column for the purpose of cultivating animal and/or plant life. Traditional oyster leases are not included in this category.
Subcategory: Spoil islands.	
Description:	Artificial islands created with material dredged from state-owned lands to create or deepen channels in passes, bays, lagoon, bayous, etc. Many such islands exist along the Intracoastal Waterway.
Subcategory: Scenic vistas.	
Description:	Peripheral parcels of land and/or water having exceptional scenic or aesthetic values including rivers and highways. Such areas may include bluffs, hills, or other vantage points that afford a unique scenic perspective.
Subcategory: Forestry and game management areas.	
Description:	State and national forests and/or state game management areas.

Continued

Table LU 3. Continued.

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Subcategory:	Wildlife refuges.
Description:	Areas specifically set aside for the protection of wildlife. Such areas may be subject to multiple-use management as in the case of state parks, all of which are game refuges.
Subcategory:	Parks and recreation areas.
Description:	Areas and facilities devoted to recreational activities of various types. May include historical or archaeological sites, game refuges or unique environmental features.
Subcategory:	Hurricane flood zone.
Description:	Lands between the shoreline and the 100-year flood line. These areas are subject to flooding during hurricane conditions.
Subcategory:	River flood plains.
Description:	Lands lying along drainage corridors (rivers and streams) that are subject to flooding on a regular basis. These areas may include swamp or marsh areas and generally contain mixed alluvial, poorly drained soils.
Subcategory:	Marginal lands.
Description:	Lands which due to soil characteristics, drainage problems, or other physical restrictions require special treatment in order to be made suitable for urban development.

Continued

Table LU 3. Continued.

Category:	Development.
Description:	Those portions of the coastal zone (1) already developed or officially committed to a development activity (2) undeveloped and intrinsically suited for intensive development, (3) undeveloped and having minor physical limitations which can be easily corrected, or (4) classified as prime agricultural areas.
Subcategory:	Class IV waters.
Description:	Surface waters designated by the Department of Environmental Regulations for use as agricultural or in industrial water supply. Definitive criteria for Class IV waters are given in the Florida Administrative Code ch. 17-3 pollution of waters.
Subcategory:	Class V waters.
Description:	Surface waters designated by the Department of Environmental Regulations for navigation, utility and industrial use. Water quality standards for Class V waters are the lowest of any applied to surface waters in Florida. Definitive criteria for Class V waters are given in the Florida Administrative Code ch. 17-3 pollution of waters.
Subcategory:	Presently developed lands, non-conflict.
Description:	Lands already developed in a manner compatible with the natural environment of the area.
Subcategory:	Presently developed lands, conflict.
Description:	Lands presently developed that under biophysical analysis criteria would have been classified "preservation" or "conservation" in their natural state. Inherent physical or ecological restrictions may or may not have been adequately compensated for.

Continued

Table LU 3. Continued.

Subcategory:	Undeveloped lands suitable for intensive development.
Description:	Lands which, if they are required for development, need little or no modification prior to such development. These areas have elevations, soils, topography and other physical conditions favorable for development (with the addition of proper sanitary facilities).
Subcategory:	Undeveloped lands suitable for intensive development with corrections.
Description:	Lands having some physical limitations but suitable for development. With certain modifications such as improvement of drainage or installation of sewage collection systems. Such corrections would overcome seasonally high water tables or soils unsuitable for septic tanks.
Subcategory:	Undeveloped lands suitable for development if protected from flooding.
Description:	Lands which are located within hurricane or river flood zones that would have been classified as "undeveloped lands suitable for intensive development" if they were not located within the hurricane or river flood zones.
Subcategory:	Prime agricultural lands.
Description:	Undeveloped lands with soils having an overall high rating in The Florida General Soils Atlas <sup>a</sup> for citrus or for both truck crops and pasture. Soils in these areas are not suitable in general for development in their natural condition. These areas may or may not be located in hurricane or river flood zones.

Continued

Table LU 3. Concluded.

Subcategory:	Prime agricultural lands with other potential suitabilities.
Description:	Undeveloped lands with soils having an overall high rating in The Florida General Soils Atlas <sup>a</sup> for citrus or for both truck crops and pasture. Soils in these areas are suitable for development in their natural condition. These areas may or may not be located in hurricane or river flood zones.
Subcategory:	Undeveloped lands suitable for intensive development with corrections.
Description:	Lands having some physical limitations, but suitable for development. With certain modifications such as improvement of drainage or installation of sewage collection systems. Such corrections would overcome seasonally high water tables or soils unsuitable for septic tanks.

<sup>a</sup> This table to be used in conjunction with Tables LU 4. through LU 10. and LU 12 through LU 18.



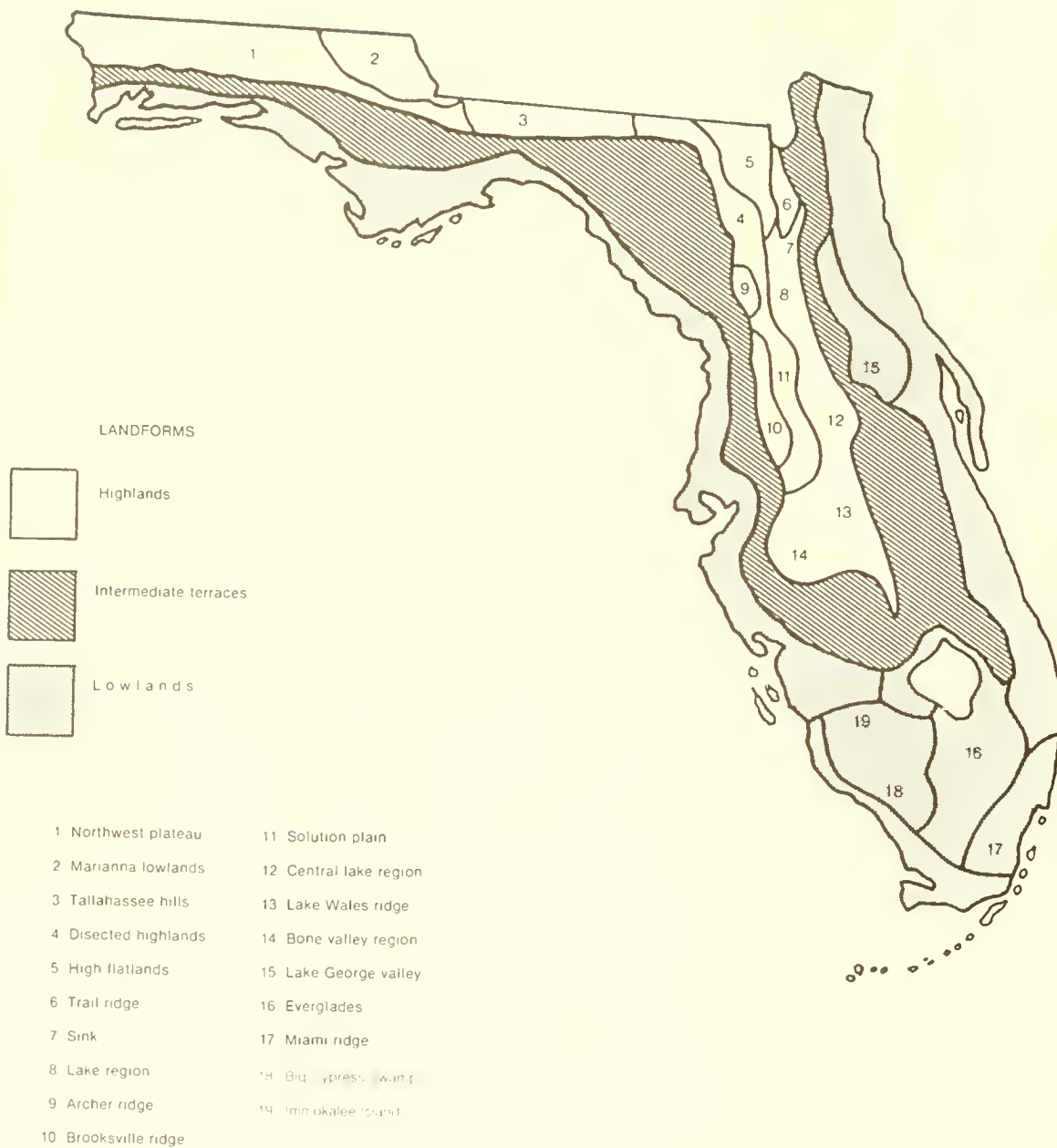


Figure 15. Landforms of Florida (Wood and Fernald 1974).



Table LU 4. Coastal zone biophysical inventory<sup>a</sup> of Bay County in 1970  
(Florida Department of Natural Resources, Coastal Coordinating Council 1973).

Elements	Acres
<u>Preservation</u>	
Class I waters	3,780
Class II waters	40,320
Marine grass beds	7,620
Selected coastal marshes	5,630
Selected coastal mangroves	0
Selected freshwater swamps	27,970
Selected freshwater marshes	0
Gulf and atlantic beaches and dunes	900
Selected estuarine beaches	1,280
Other unique environmental features:	
Land area	0
Water area	0
Subtotal land	35,780
Subtotal water	51,710
Total preservation	87,490
<u>Conservation</u>	
Class III waters	319,870
Aquatic preserve:	40,320
Land area	0
Water area	25,860
Aquaculture leases	900
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	150,270
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	1,280
Water area	0
Hurricane flood zone	63,170
River flood plains	23,300
Marginal lands	45,250
.	
Subtotal land	283,260
Subtotal water	346,620
Total conservation	629,880

Continued

Table LU 4. Concluded.

Elements	Acres
Development	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	21,630
Conflict	25,860
Undeveloped lands suitable for intensive development	125,120
Undeveloped lands suitable for intensive development with corrections	38,590
Subtotal land	211,200
Subtotal water	0
Total development	211,200

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 5. Coastal zone biophysical inventory<sup>a</sup> of Escambia County in 1970  
(Florida Department of Natural Resources, Coastal Coordinating Council 1973).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	7,860
Marine grass beds	4,290
Selected coastal marshes	1,920
Selected coastal mangroves	0
Selected freshwater swamps	4,740
Selected freshwater marshes	0
Gulf and atlantic beaches and dunes	830
Selected estuarine beaches	190
Other unique environmental features:	
Land area	190
Water area	830
Subtotal land	7,870
Subtotal water	22,980
Total preservation	30,850
<u>Conservation</u>	
Class III waters	274,430
Aquatic preserve:	
Land area	0
Water area	23,490
Aquaculture leases	0
Spoil islands	0
Scenic vistas	320
Forestry and game management areas	0
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	8,640
Water area	0
Hurricane flood zone	32,510
River flood plains	9,090
Marginal lands	7,040
Subtotal land	55,680
Subtotal water	297,920
Total conservation	353,600

Continued

Table LU 5. Concluded.

Elements	Acres
Development	
Class IV waters	0
Class V waters	190
Presently developed areas:	
Non-conflict	92,480
Conflict	20,930
Undeveloped lands suitable for intensive development	16,130
Undeveloped lands suitable for intensive development with corrections	15,300
Subtotal land	144,830
Subtotal water	190
Total development	145,020

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 6. Coastal zone biophysical inventory<sup>a</sup> of Franklin County in 1970  
(Florida Department of Natural Resources, Coastal Coordinating Council 1973).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	155,780
Marine grass beds	8,960
Selected coastal marshes	21,180
Selected coastal mangroves	0
Selected freshwater swamps	148,930
Selected freshwater marshes	0
Gulf and atlantic beaches and dunes	1,150
Selected estuarine beaches	320
Other unique environmental features:	
Land area	0
Water area	3,200
Subtotal land	171,580
Subtotal water	167,940
Total preservation	339,520
<u>Conservation</u>	
Class III waters	274,430
Aquatic preserve:	
Land area	0
Water area	23,490
Aquaculture leases	0
Spoil islands	0
Scenic vistas	320
Forestry and game management areas	0
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	8,640
Water area	0
Hurricane flood zone	32,510
River flood plains	9,090
Marginal lands	7,040
Subtotal land	55,680
Subtotal water	297,920
Total conservation	353,600

Continued

Table LU 6. Concluded.

Elements	Acres
Development	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	4,350
Conflict	7,550
Undeveloped lands suitable for intensive development	21,760
Undeveloped lands suitable for intensive development with corrections	0
Subtotal land	33,660
Subtotal water	0
Total development	33,660

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 7. Coastal zone biophysical inventory<sup>a</sup> of Gulf County in 1970 (Florida Department of Natural Resources, Coastal Coordinating Council 1973).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	39,550
Marine grass beds	15,420
Selected coastal marshes	1,220
Selected coastal mangroves	0
Selected freshwater swamps	76,030
Selected freshwater marshes	0
Gulf and atlantic beaches and dunes	770
Selected estuarine beaches	380
Other unique environmental features:	
Land area	0
Water area	1,920
Subtotal land	78,400
Subtotal water	56,900
Total preservation	135,300
<u>Conservation</u>	
Class III waters	169,220
Aquatic preserve:	
Land area	0
Water area	67,780
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	0
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	3,070
Water area	0
Hurricane flood zone	122,620
River flood plains	11,460
Marginal lands	82,240
Subtotal land	219,390
Subtotal water	236,990
Total conservation	456,380

Continued

Table LU 7. Concluded.

Elements	Acres
Development	
Class IV waters	260
Class V waters	0
Presently developed areas:	
Non-conflict	2,500
Conflict	3,390
Undeveloped lands suitable for intensive development	7,940
Undeveloped lands suitable for intensive development with corrections	4,220
Subtotal land	18,050
Subtotal water	260
Total development	18,310

<sup>a</sup> Definition of elements found in Table LU 3.



Table LU 8. Coastal zone biophysical inventory<sup>a</sup> of Okaloosa County in 1970  
(Florida Department of Natural Resources, Coastal Coordinating Council 1973).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	11,520
Marine grass beds	2,500
Selected coastal marshes	700
Selected coastal mangroves	0
Selected freshwater swamps	13,820
Selected freshwater marshes	0
Gulf and Atlantic beaches and dunes	450
Selected estuarine beaches	380
Other unique environmental features:	
Land area	0
Water area	380
Subtotal land	15,360
Subtotal water	14,400
Total preservation	29,760
<u>Conservation</u>	
Class III waters	185,020
Aquatic preserve:	
Land area	0
Water area	380
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	230,530
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	4,030
Water area	0
Hurricane flood zone	13,700
River flood plains	25,090
Marginal lands	770
Subtotal land	274,110
Subtotal water	185,410
Total conservation	459,520

Continued

Table LU 8. Concluded.

Elements	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	15,420
Conflict	8,450
Undeveloped lands suitable for intensive development	214,340
Undeveloped lands suitable for intensive development with corrections	16,830
Subtotal land	231,170
Subtotal water	0
Total development	231,170

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 9. Coastal zone biophysical inventory<sup>a</sup> of Santa Rosa County in 1970  
(Florida Department of Natural Resources, Coastal Coordinating Council 1973).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	56,130
Marine grass beds	3,580
Selected coastal marshes	16,630
Selected coastal mangroves	0
Selected freshwater swamps	9,980
Selected freshwater marshes	0
Gulf and atlantic beaches and dunes	260
Selected estuarine beaches	190
Other unique environmental features:	
Land area	0
Water area	450
Subtotal land	24,060
Subtotal water	60,160
Total preservation	84,220
<u>Conservation</u>	
Class III waters	48,960
Aquatic preserve:	
Land area	5,890
Water area	8,000
Aquaculture leases	0
Spoil islands	0
Scenic vistas	1,730
Forestry and game management areas	50,750
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	6,530
Water area	0
Hurricane flood zone	58,050
River flood plains	17,790
Marginal lands	15,170
Subtotal land	155,900
Subtotal water	56,960
Total conservation	212,860

Continued

Table LU 9. Concluded.

Elements	Acres
Development	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	23,490
Conflict	15,680
Undeveloped lands suitable for intensive development	114,050
Undeveloped lands suitable for intensive development with corrections	33,600
Subtotal land	186,820
Subtotal water	0
Total development	186,820

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 10. Coastal zone biophysical inventory<sup>a</sup> of Walton County in 1970  
(Florida Department of Natural Resources, Coastal Coordinating Council 1973).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	45,820
Marine grass beds	830
Selected coastal marshes	2,110
Selected coastal mangroves	0
Selected freshwater swamps	2,500
Selected freshwater marshes	0
Gulf and atlantic beaches and dunes	450
Selected estuarine beaches	260
Other unique environmental features:	
Land area	0
Water area	1,020
Subtotal land	5,310
Subtotal water	47,680
Total preservation	52,990
<u>Conservation</u>	
Class III waters	171,010
Aquatic preserve:	
Land area	0
Water area	0
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	165,890
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	380
Water area	0
Hurricane flood zone	37,570
River flood plains	28,350
Marginal lands	4,740
Subtotal land	236,930
Subtotal water	171,010
Total conservation	407,940

Continued

Table LU 10. Concluded.

Elements	Acres
Development	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	11,580
Conflict	7,740
Undeveloped lands suitable for intensive development	145,980
Undeveloped lands suitable for intensive development with corrections	49,860
Subtotal land	215,170
Subtotal water	0
Total development	215,170

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 11. Coastal zone population in 1970 ( Florida Department of Natural Resources, Coastal Coordinating Council 1973).

County	Coastal zone	County population	Coastal zone % of county	Coastal zone % of state
Bay	74,780	75,283	99.3	1.10
Escambia	194,440	205,334	94.7	2.86
Franklin	7,065	7,065	100.0	0.10
Gulf	9,491	10,096	94.0	0.14
Okaloosa	71,946	88,187	81.6	1.06
Santa Rosa	24,869	37,741	65.9	0.37
Walton	3,198	16,087	19.9	0.05
Region	385,789	439,793	N.D.	N.D.

Table LU 12. Coastal zone biophysical inventory<sup>a</sup> of Bay County in 1976 (Florida Department of Natural Resources 1978).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	44,403
Marine grass beds	8,294
Selected coastal marshes	6,624
Selected coastal mangroves	0
Selected freshwater swamps	42,860
Selected freshwater marshes	819
Gulf and atlantic beaches and dunes	3,814
Selected estuarine beaches	2,649
Other unique environmental features:	
Land area	0
Water area	0
Wilderness areas	0
subtotal land	56,767
subtotal water	52,697
Total preservation	109,465
<u>Conservation</u>	
Class III waters	85,452
Aquatic preserve:	
Land area	0
Water area	25,862
Aquaculture leases	915
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	153,708
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	1,049
Water area	0
Hurricane flood zone	51,347
River flood plains	26,041
Marginal lands	96,332
subtotal land	329,395
subtotal water	111,315
Total conservation	440,710

Continued



Table LU 12. Concluded.

Elements	Acres
Development	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	23,321
Conflict	26,995
Undeveloped lands suitable for intensive development	70,521
Undeveloped lands suitable for intensive development with corrections	30,643
Undeveloped lands suitable for development if protected from flooding	10,150
Prime agricultural lands	8,979
Prime agricultural lands with other potential suitabilities	1,075
Subtotal land	171,686
Subtotal water	0
Total development	171,686

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 13. Coastal zone biophysical inventory<sup>a</sup> of Escambia County in 1976  
(Florida Department of Natural Resources 1978).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	19,974
Marine grass beds	3,769
Selected coastal marshes	2,720
Selected coastal mangroves	0
Selected freshwater swamps	13,273
Selected freshwater marshes	0
Gulf and Atlantic beaches and dunes	1,715
Selected estuarine beaches	1,363
Other unique environmental features:	
Land area	334
Water area	1,450
Wilderness areas	0
Subtotal land	19,406
Subtotal water	25,194
Total preservation	44,601
<u>Conservation</u>	
Class III waters	72,921
Aquatic preserve:	
Land area	0
Water area	24,697
Aquaculture leases	0
Spoil islands	0
Scenic vistas	505
Forestry and game management areas	0
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	5,375
Water area	0
Hurricane flood zone	24,166
River flood plains	8,767
Marginal lands	26,643
Subtotal land	65,459
Subtotal water	97,619
Total conservation	163,078

Continued

Table LU 13. Concluded.

Elements	Acres
Development	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	68,607
Conflict	13,158
Undeveloped lands suitable for intensive development	26,764
Undeveloped lands suitable for intensive development with corrections	5,824
Undeveloped lands suitable for development if protected from flooding	6,764
Prime agricultural lands	0
Prime agricultural lands with other potential suitabilities	11,615
Subtotal land	132,735
Subtotal water	0
Total development	132,735

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 14. Coastal zone biophysical inventory<sup>a</sup> of Franklin County in 1976  
(Florida Department of Natural Resources 1978).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	152,217
Marine grass beds	9,081
Selected coastal marshes	20,518
Selected coastal mangroves	0
Selected freshwater swamps	144,697
Selected freshwater marshes	2,297
Gulf and atlantic beaches and dunes	3,308
Selected estuarine beaches	1,619
Other unique environmental features:	
Land area	0
Water area	3,129
Wilderness areas	0
Subtotal land	172,441
Subtotal water	164,428
Total preservation	336,870
<u>Conservation</u>	
Class III waters	68,979
Aquatic preserve:	
Land area	9,658
Water area	75,947
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	22,720
Wildlife refuges:	
Land area	5,913
Water area	5,913
Parks and recreation areas:	
Land area	0
Water area	0
Hurricane flood zone	59,308
River flood plains	1,395
Marginal lands	29,791
Subtotal land	128,788
Subtotal water	150,840
Total conservation	279,628

Continued

Table LU 14. Concluded.

Elements	Acres
<u>Development</u>	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	3,680
Conflict	6,886
Undeveloped lands suitable for intensive development	22,707
Undeveloped lands suitable for intensive development with corrections	0
Undeveloped lands suitable for development if protected from flooding	16,697
Prime agricultural lands	0
Prime agricultural lands with other potential suitabilities	0
Subtotal land	49,971
Subtotal water	0
Total development	49,971

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 15. Coastal zone biophysical inventory of Gulf County in 1976 (Florida Department of Natural Resources 1978).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	32,780
Marine grass beds	6,604
Selected coastal marshes	633
Selected coastal mangroves	0
Selected freshwater swamps	118,515
Selected freshwater marshes	6,572
Gulf and atlantic beaches and dunes	2,400
Selected estuarine beaches	723
Other unique environmental features:	
Land area	0
Water area	1,881
Wilderness areas	0
Subtotal land	128,844
Subtotal water	41,267
Total preservation	170,111
<u>Conservation</u>	
Class III waters	33,164
Aquatic preserve:	
Land area	0
Water area	67,897
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	62,425
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	3,039
Water area	0
Hurricane flood zone	76,134
River flood plains	10,374
Marginal lands	89,152
Subtotal land	241,126
Subtotal water	101,062
Total conservation	342,188

Continued

Table LU 15. Concluded.

Elements	Acres
Development	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	0
Conflict	9,651
Undeveloped lands suitable for intensive development	0
Undeveloped lands suitable for intensive development with corrections	
Undeveloped lands suitable for development if protected from flooding	678
Prime agricultural lands	4,857
Prime agricultural lands with other potential suitabilities	0
Subtotal land	20,473
Subtotal water	0
Total development	20,473

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 16. Coastal zone biophysical inventory of Okaloosa County in 1976  
(Florida Department of Natural Resources 1978).

Elements	Acres
Class I waters	0
Class II waters	12,704
Marine grass beds	2,828
Selected coastal marshes	652
Selected coastal mangroves	0
Selected freshwater swamps	26,867
Selected freshwater marshes	0
Gulf and Atlantic beaches and dunes	1,408
Selected estuarine beaches	1,638
Other unique environmental features:	
Land area	0
Water area	755
Wilderness areas	0
Total land	30,566
Total water	16,287
Total preservation	46,854
Class III waters	58,054
Aquatic preserve:	
Land area	0
Water area	409
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	211,871
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	4,371
Water area	0
Hurricane flood zone	10,553
River flood plains	26,444
Marginal lands	70
Total land	253,311
Total water	58,463
Total conservation	311,775

Continued



Table LU 16. Concluded.

Elements	Acres
Development	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	29,260
Conflict	8,403
Undeveloped lands suitable for intensive development	209,657
Undeveloped lands suitable for intensive development with corrections	1,491
Undeveloped lands suitable for development if protected from flooding	3,110
Prime agricultural lands	0
Prime agricultural lands with other potential suitabilities	1,907
Subtotal land	253,830
Subtotal water	0
Total development	253,830

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 17. Coastal zone biophysical inventory<sup>a</sup> of Santa Rosa County in 1976 (Florida Department of Natural Resources 1978).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	58,636
Marine grass beds	3,756
Selected coastal marshes	7,942
Selected coastal mangroves	0
Selected freshwater swamps	39,750
Selected freshwater marshes	44
Gulf and Atlantic beaches and dunes	332
Selected estuarine beaches	1,420
Other unique environmental features:	
Land area	0
Water area	2,137
Wilderness areas	0
Subtotal land	49,491
Subtotal water	64,531
Total preservation	114,022
<u>Conservation</u>	
Class III waters	23,513
Aquatic preserve:	
Land area	6,232
Water area	8,468
Aquaculture leases	0
Spoil islands	0
Scenic vistas	1,222
Forestry and game management areas	53,190
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	7,743
Water area	0
Hurricane flood zone	47,398
River flood plains	19,545
Marginal lands	8,755
Subtotal land	144,088
Subtotal water	31,981
Total conservation	176,070

Continued

Table LU 17. Concluded.

Elements	Acres
Development	
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	24,697
Conflict	8,134
Undeveloped lands suitable for intensive development	116,057
Undeveloped lands suitable for intensive development with corrections	31,635
Undeveloped lands suitable for development if protected from flooding	4,979
Prime agricultural lands	4,294
Prime agricultural lands with other potential suitabilities	17,350
Subtotal land	207,148
Subtotal water	0
Total development	207,148

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 18. Coastal zone biophysical inventory<sup>a</sup> of Walton County in 1976  
(Florida Department of Natural Resources 1978).

Elements	Acres
<u>Preservation</u>	
Class I waters	0
Class II waters	46,099
Marine grass beds	1,004
Selected coastal marshes	3,673
Selected coastal mangroves	0
Selected freshwater swamps	29,791
Selected freshwater marshes	0
Gulf and Atlantic beaches and dunes	2,374
Selected estuarine beaches	1,068
Other unique environmental features:	
Land area	0
Water area	1,567
Wilderness areas	0
Subtotal land	36,908
Subtotal water	48,671
Total preservation	85,580
<u>Conservation</u>	
Class III waters	40,825
Aquatic preserve:	
Land area	0
Water area	0
Aquaculture leases	0
Spoil islands	0
Scenic vistas	0
Forestry and game management areas	163,897
Wildlife refuges:	
Land area	0
Water area	0
Parks and recreation areas:	
Land area	371
Water area	0
Hurricane flood zone	43,487
River flood plains	37,023
Marginal lands	24,684
Subtotal land	269,465
Subtotal water	40,825
Total conservation	310,291

Continued

Table LU 18. Concluded.

Elements	Acres
Class IV waters	0
Class V waters	0
Presently developed areas:	
Non-conflict	5,273
Conflict	5,632
Undeveloped lands suitable for intensive development	156,895
Undeveloped lands suitable for intensive development with corrections	16,473
Undeveloped lands suitable for development if protected from flooding	27,417
Prime agricultural lands	0
Prime agricultural lands with other potential suitabilities	16,825
Total land	228,518
Total water	0
Total development	228,518

<sup>a</sup> Definition of elements found in Table LU 3.

Table LU 19 . Coastal zone population in 1976 (Florida Department of Environmental Regulation, Division of Environmental Programs 1978) .

County	Coastal zone	County population	Coastal zone % of county	Coastal zone % of state
Bay	92,234	92,884	99.3	1.10
Escambia	213,619	225,575	94.7	2.5
Franklin	7,943	7,943	100.0	0.09
Gulf	10,254	10,909	94.0	0.12
Okaloosa	85,154	104,356	81.6	1.0
Santa Rosa	32,534	49,368	65.9	0.38
Walton	3,621	18,198	19.9	0.04
Region	445,359	509,233	N.D.	N.D.

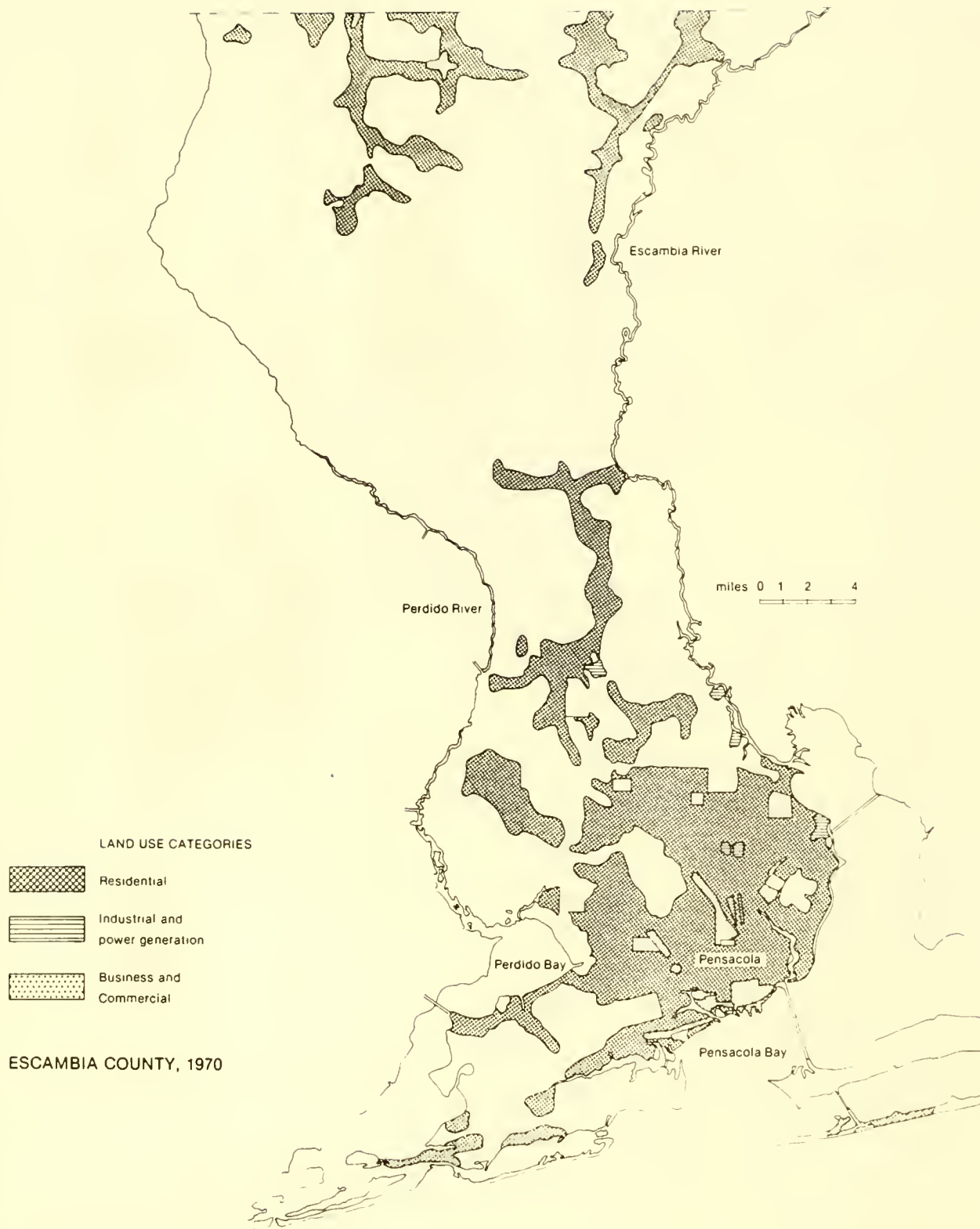


Figure 16. Selected land uses in Escambia County (Florida Coastal Coordinating Council 1970).

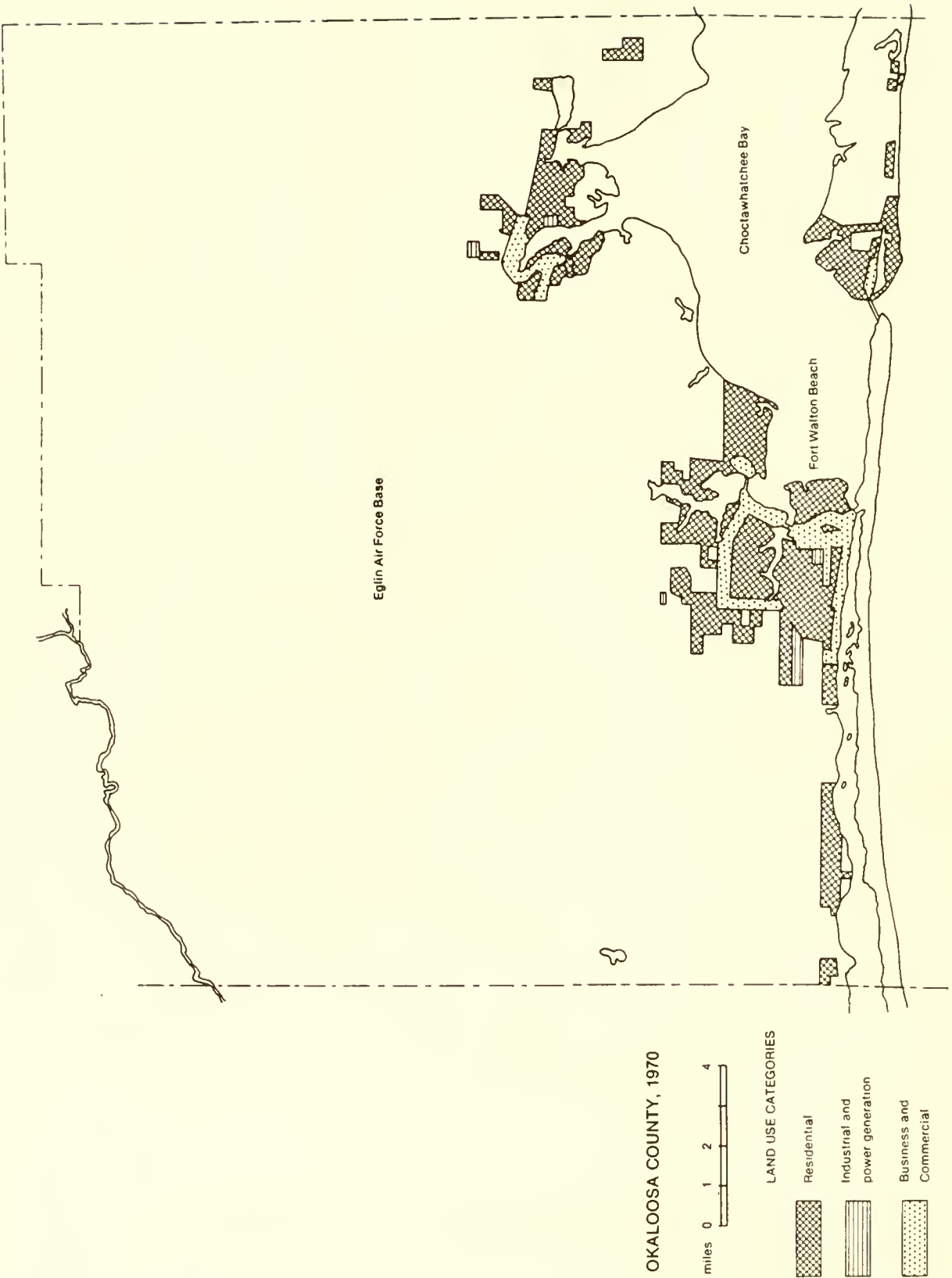


Figure 17. Selected land uses in Okaloosa County (Florida Coastal Coordinating Council 1970).



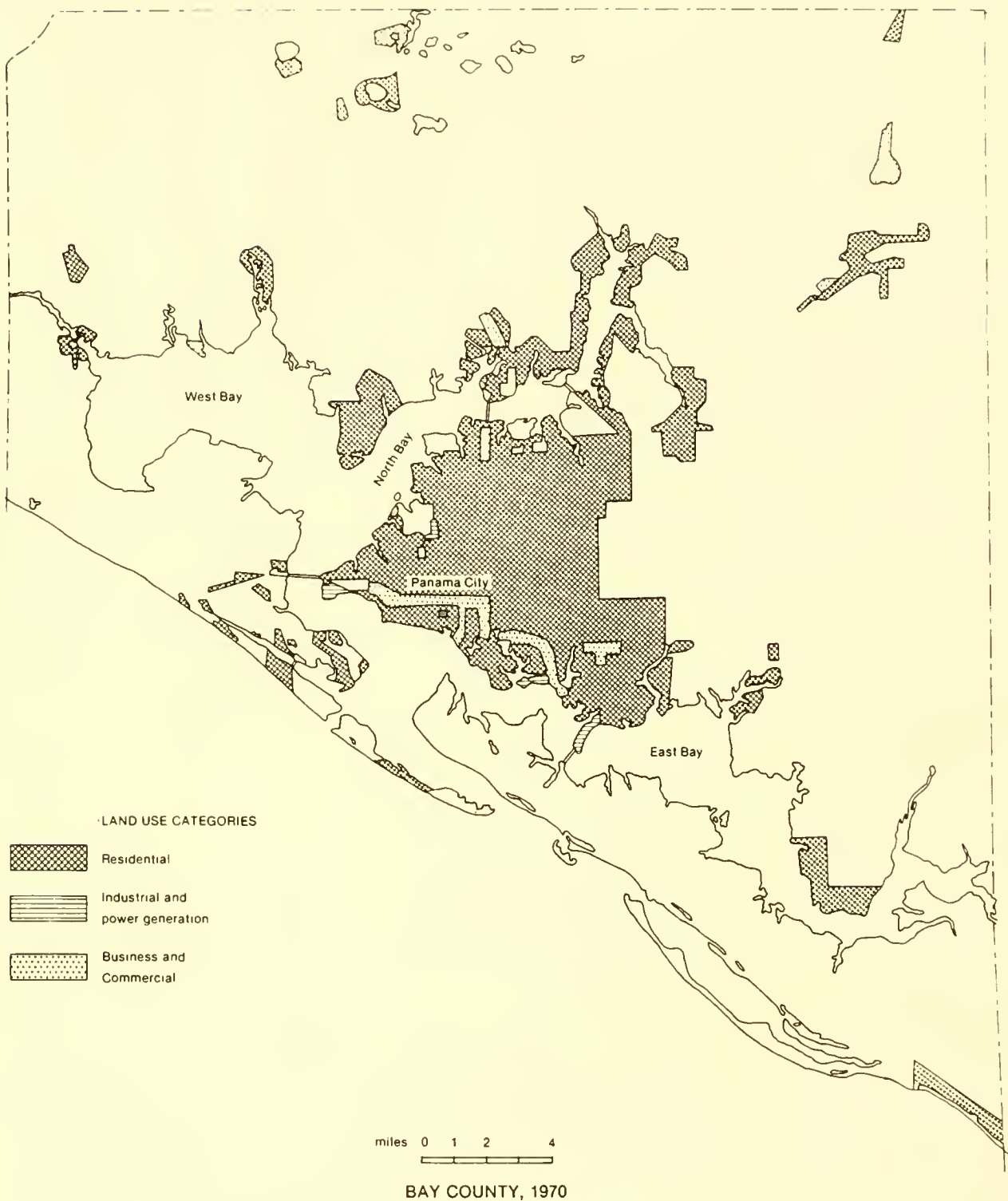
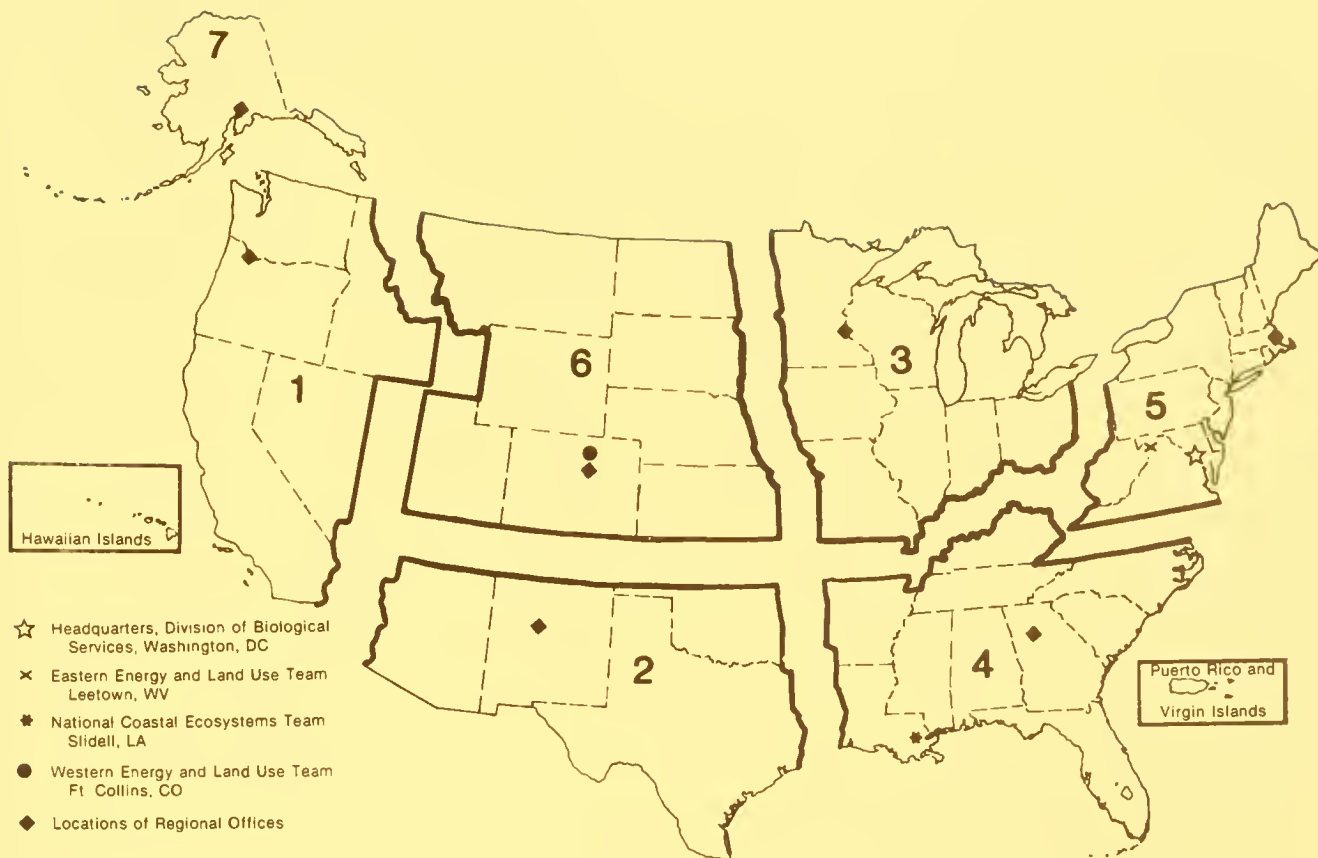


Figure 18. Selected land uses in Bay County (Florida Coastal Coordinating Council 1970).





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